

California Emission Inventory Development and Reporting System 2.5 (CEIDARS2.5) Data Dictionary

The California Emission Inventory Data Development and Reporting System 2.5 (CEIDARS2.5) is a relational database using Oracle interface. CEIDARS2.5 consists of twelve principal tables (the first twelve in the Table of Contents) and numerous utility tables. Users can join tables using primary key fields to produce a unique record. For example, to uniquely identify emissions from a device within a facility, users should join the tables facility, device, and emission using the county, facid, air basin, district, and device key fields – assuming facility name, address, device name and emissions are fields required in the output.

The basic data structures of CEIDARS2.5 and CEIDARS2 have not changed. In CEIDARS2.5, we have added five principal tables: BLDG for building information, BLDGPNTS for building point, PROP for property information, PROPPNTS for property data, and RECEP for receptor information. Information from these tables is needed to allow risk and dispersion analysis to be performed using the Hot Spot Analysis and Reporting (HARP) software. Other reasons for including these new tables in CEIDARS2.5 are to facilitate data exchange between ARB and districts and to provide additional storage of district data. In addition to adding the new tables to CEIDARS2.5, we have added 33 fields to the FACILITY table, and add 22 fields to the STACK table, three fields to the DEVICE table, three fields to the PROCESS table, and four fields to the EMISSION table. These new fields are optional and are not required, i.e., a batch will not be rejected if these fields are null in a batch.

Following is a brief discussion of the new fields in the FACILITY, STACK, DEVICE, PROCESS, and EMISSION tables. Consult the Hot Spot Analysis and Reporting (HARP) documentation for explanation on BLDG, BLDGPNTS, PRO, PROPPNTS, and RECEP tables -
[ftp://dillinghamsoftware.com/harp](http://dillinghamsoftware.com/harp)

FACILITY table:

1. **FRS_ID:** This is the identification number assigned by the EPA Facility Registry System to uniquely identify a facility site. This field is added to CEIDARS to allow air quality data for facilities to be linked to databases for other media (e.g., waters, solid waste). The US EPA has most IDs if not all, for facilities emitting an amount greater than or equal to 100 TPY of criteria pollutants. Please provide this ID if you know; otherwise, we'll attempt to populate this field using available data from the EPA Facility Registry System
2. **GEOID:** This field is added for special project and **is not** part of the transaction fields, i.e., districts do not have to provide this field in the transactions.
3. **NAICS:** North American Industry Classification code for the facility – This six-digit NAICS will eventually replace the previous Standard Industrial Code (SIC).
4. **COORD_SYS:** This field indicates the coordinate system used in X_USERCOORD and Y_USERCOORD. U10 means the X_USERCOORD and Y_USERCOORD are in UTM zone 10.
5. **DATUM:** This field specifies the datum used in the X_USERCOORD and Y_USERCOORD. NAD27 means the X_USERCOORD and Y_USERCOORD are expressed in the North American Datum 1927 (NAD27).

6. **SPHEROID:** This field indicates the shape used for ellipsoidal earth. The earth is not a perfect sphere but an ellipsoid of revolution and is represented in different methods of measurements. The domain such as Clarke 1866 will specify how the spheroid is characterized.
7. **X_USERCOORD** and **Y_USERCOORD:** X and Y coordinates input by the user. We need information from fields 4, 5, and 6 to accurately determine these two fields.
8. **LOC_METH:** This field will tell us how the data was collected, such as using a Global Positioning System (GPS) receiver.
9. **UE_NAD83:** NAD83 UTM East in Kilometers. This field is not part of the transaction fields.
10. **UN_NAD83:** NAD83 UTM North in Kilometers. This field is not part of the transaction fields.
11. **LAT_NAD83** and **LON_NAD83:** These two fields are latitude and longitude in decimal degrees. The ARB will populate these fields using data from fields number 4 through 7. They **are not** parts of transaction fields.
12. **ARB_LOC_METH:** This field specifies the method code the ARB used to generate the LAT_NAD83 and LON_NAD83 **and is not** part of the transaction fields.
13. **SMALL_COMM:** This field identifies whether a facility is a small commercial or aggregated point source.
14. **FAC_UPDATE:** This field identifies purpose of the update. For example, if the facility was updated for the Community Health Air Pollution Information System (CHAPIS), this field equals CHS.
15. **VINTAGE_EMS** and **VINTAGE_RIRK** indicate the vintage of emissions and vintage of risk, respectively.
16. **PROXIMITY:** This field defines the distance from emission source to the receptor.
17. **CANCEREPP**, **NONCANCEREPP**, **ACUTEEPP**, and **CHRONICEPP** are cancer priority score, non-cancer priority score, acute priority score, and chronic priority score based on emission and potency procedure. HARP will calculate these fields using emissions data from the facility.
18. **CANCERDAP**, **NONCANCERDAP**, **ACUTEDAP**, and **CHRONICDAP** are cancer priority score, non-cancer priority score, acute priority score, and chronic priority score based on dispersion adjustment procedure. Similarly, HARP will calculate these fields based on dispersion adjustment procedure.
19. **TS:** Total priority score for the facility.
20. **PRIORITY_MULT:** Priority multiplier used in the risk assessment.
21. **HRA_CAN:** Health Risk Assessment Cancer Risk
22. **CHRONIC_HI:** Non-cancer Chronic Hazard Index
23. **ACUTE_HI:** Non-cancer Acute Hazard Index
24. **FAC_D:** Date when the districts update the facility. This field is automatically generated if the CEIDARS-Lite module of the Hot Spot Analysis Reporting (HARP) or HARP software
25. **MEMO_FAC:** The purpose of this field is to provide a storage space for any note pertaining to the facility information.

STACK Table:

1. **GEOID** and **GEOID_STK**: These fields are used in special project and **are not** parts of the transaction fields.
2. **STKNAME**: Name of the stack.
3. **COORD_SYS, DATUM, SPEROID, X_USERCOORD, Y_USERCOORD**: Similar to fields in the facility table, except the fields are specifically for stack.
4. **SLAT_NAD83** and **SLON_NAD83**: NAD83 latitude and longitude of the stack in decimal degrees.
5. **ELEV**: This field indicates the elevation of the facility
6. **SRCTYP**: This field indicates the type of the emission release
7. **SYSINIT**: Initial lateral dimension of volume release.
8. **SZINIT**: Initial vertical dimension of volume or area source
9. **XINIT**: Square Length or Rec. Side of Area Release
10. **YINIT**: Rectangular Side of Area or Open Pit Release
11. **ANGLE**: Angle of Area or Open Pit Source.
12. **PITVOL**: Volume of Open Pit Source
13. **ISDEFAULT**: Flag to indicate Stack Data are default
14. **STKU_D**: Date District Last Updated. This field is automatically generated if the CEIDARS-Lite module of the Hot Spot Analysis Reporting (HARP) or HARP software
15. **MEMO_STK**: Comments on Stack Information

DEVICE Table:

1. **DEVCAP**: This field is added to CEIDARS2.5 to allow facility to specify the output capacity of the device in MegaWatt. This field is used only for power generator devices.
2. **DEVU_D**: Date District Last Updated. This field is automatically generated if the CEIDARS-Lite module of the Hot Spot Analysis Reporting (HARP) or HARP software.
3. **MEMO_DEV**: Comments on Device Information

PROCESS Table:

1. **NAICS**: North American Industry Classification code for the facility – This six-digit NAICS will eventually replace the previous Standard Industrial Code (SIC).
2. **PRUP_D**: Date District Last Updated. This field is automatically generated if the CEIDARS-Lite module of the Hot Spot Analysis Reporting (HARP) or HARP software.
3. **MEMO_PR**: Comments on Process Information

EMISSION Table:

1. **FRAC_STAT**: Reporting status of ROG/TOG/PM10 input.
2. **MAINTAINED**: Flag to indicate whether this emission is agreed to be regularly maintained by the districts for CHAPIS.
3. **EMSUP_D**: Date District Last Updated. This field is automatically generated if the CEIDARS-Lite module of the Hot Spot Analysis Reporting (HARP) or HARP software.
4. **MEMO_EMS**: Comments on Emission Information.

Legend:

Regular black font:

No change to given table or field

Blue bold font:

New tables, new fields or change to existing fields

Confidential Field:

"C" to the left of "Col" field.

TABLE OF CONTENTS

| TABLE NAMES | Page No. |
|---|----------|
| FACILITY - Facility Information | 1 |
| STACK - Stack Information | 4 |
| DEVICE - Device Information | 6 |
| PROCESS - Process Information | 7 |
| EMISSION - Emissions Information | 9 |
| EXCESS - Excess Emissions Information | 11 |
| S_UP - Supplemental Information | 12 |
| BLDG – Building Information | 12 |
| BLDGPNTS – Building Point Information | 13 |
| PROP – Property Information | 13 |
| PROPPNTS – Property Data | 13 |
| RECEP – Receptor Information | 14 |
| POLLUTANT - Pollutant Information | 14 |
| BLDGTRANS – Building Transaction | 15 |
| BLDGPTRANS – Building Point Transaction | 16 |
| BPRLOG - Batch Processing Log | 16 |
| CATEGORY - Category Information | 17 |
| CNTLDEV - Pollution Control Device Codes and Names | 17 |
| CNTLEFF - Pollution Control Efficiency Ranges | 17 |
| COABDIS - County, Air Basin, and District Information | 18 |
| DEFAREAC - Telephone Area Codes | 18 |
| DEFCNTLEFFGRP - Control Efficiency Group | 18 |
| DEFDPWK - Weekly Operating Cycle Codes and Names | 18 |
| DEFEICMAT - Material Description Codes and Names | 18 |
| DEFEICSOU - Source Category Codes and Names | 19 |
| DEFEICSUB - Emission Sub Category Codes and Names | 19 |
| DEFEICSUM - Summary Category Codes and Names | 19 |
| DEFEIC1 - First Digit of The EIC and Names | 19 |
| DEFEMORIG - Emission Factor Origin Codes and Names | 20 |
| DEFEXTYPE - Excess Emission Type Codes and Names | 20 |
| DEFGROUP - Selected Group Codes and Names | 20 |
| DEFHPDY - Daily Operating Cycle Codes and Names | 20 |
| DEFLOCATION – Method of Collecting Data | 20 |
| DEFMETH - Emissions Estimation Method Codes and Names | 21 |
| DEFORGCAT - Organic Category Codes | 21 |
| DEFPRORIG - Process Rate Origin Codes and Names | 21 |

TABLE OF CONTENTS (Cont.)

| TABLE NAMES | Page No. |
|---|----------|
| DEFPRUN - Process Rate Unit Codes and Names | 21 |
| DEFREACT - Substance Reactivity Codes | 22 |
| DEFREASCH - Reason For Emission Change Codes and Names | 22 |
| DEFSCC3EIC - Mapping of SCC3 to EIC For Reporting Purposes | 22 |
| DEFWARNCODES - Warning Codes and Names | 22 |
| DEVTRANS - Devices Transactions | 23 |
| EIC - Emission Inventory Codes | 24 |
| EMSTRANS - Emission Transactions | 25 |
| EQSIZEUNIT - Equipment Size Units | 26 |
| EQTYPE - Equipment Type | 26 |
| EXCTRANS - Excess Emission Transactions | 26 |
| FACTRANS - Facility Transaction | 27 |
| FAC_RISK_TRANS – Facility Risk Transaction | 28 |
| FRACTION - Organic and Particulate Matter Fractions Information | 29 |
| MV_SEASON_EMS - Motor Vehicle Seasonal Emissions | 29 |
| NAICS - North American Industrial Code System | 30 |
| ORGPROFILE - Organic Gas Profile Data and Names | 30 |
| OXFRAC - Oxide Fractions | 30 |
| PMCHEMPROFILE - PM Chemical Weight Fractions by Size | 31 |
| PMSIZEPROFILE - Particulate Matter Profile Codes and Names | 31 |
| PROPTRANS – Property Transaction | 32 |
| PROPPTRANS – Property Data Transaction | 32 |
| PROTRANS - Process Transactions | 32 |
| REACT - Substance Reactivity Descriptions | 34 |
| REACTCLASS - Chemical Reactive Class And Rate Constant | 34 |
| RECEPTRANS – Receptor Transaction | 34 |
| SCC - Sources Classification Codes | 35 |
| SIC - Standard Industrial Classification | 36 |
| STKTRANS - Stack Transaction | 36 |
| SUBCO - Sub-county Identification | 37 |
| SUPTRANS - Supplemental Uses And Production Transactions | 37 |
| UTMNORTH - UTM North Coordinates | 38 |
| UTMEAST - UTM East Coordinates | 38 |
| STAFF - ARB And District Staff | 38 |
| UPD_WARN_LOG - Update Warning Log | 39 |

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Table FACILITY - Facility Information
(Primary Key: CO + FACID + AB + DIS)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> | |
|------------|--------------------|-----------------|------------------|--------------|--|-----------------------------------|
| 1 | CO | NUMBER | 2 | NOT NULL | County Number | |
| 2 | FACID | NUMBER | 9 | NOT NULL | Facility ID Range: 1 - 999999999 | |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin Domain: Table COABDIS | |
| 4 | DIS | CHAR | 3 | NOT NULL | Responsible District | |
| 5 | FRS_ID | CHAR | 12 | NULL | EPA Facility Registry System Identification | |
| 6 | GEOID | CHAR | 25 | NULL | Special Project ID Format YYYY_CO_AB_DIS_FACID | |
| 7 | FNAME | CHAR | 60 | NULL | Name of Facility at Location | |
| 8 | FSTREET | CHAR | 60 | NULL | Street Where Facility Is Located | |
| 9 | FCITY | CHAR | 20 | NULL | City Where Facility Is Located | |
| 10 | FZIP | CHAR | 5 | NULL | Facility ZIP Code Range: 90000 - 99999 | |
| 11 | FZIPEXT | CHAR | 4 | NULL | Facility ZIP Code Extension Range: 0 - 9999 Domain: Table COABDIS | |
| 12 | PCONTACT | CHAR | 24 | NULL | Phone Contact Person | |
| 13 | AREAC | NUMBER | 3 | NULL | Telephone Area Code | |
| 14 | PHONE | NUMBER | 7 | NULL | Telephone Number | |
| 15 | FSIC | NUMBER | 4 | NOT NULL | Facility SIC Domain: Table SIC | |
| 16 | NAICS | CHAR | 6 | NULL | Facility North American Industry Classification System Code Domain: Table NAICS | |
| 17 | NEMP | NUMBER | 5 | NULL | Number of Employees | |
| 18 | COORD_SYS | CHAR | 3 | NULL | Coordinate System Used Domain: DD - Decimal Degrees TA - Teale Albers U10- UTM10 U11- UTM11 | |
| 19 | DATUM | CHAR5 | 5 | NULL | Type of Datum Used Domain: NAD27 NAD83 WGS84 Other | |
| 20 | SPHEROID | CHAR | 10 | NULL | Shape Used for Ellipsoidal Earth Domain: Clarke1866 GRS80 WGS84 WGS72 Other | |
| 21 | X_USERCOORD | NUMBER | 6 | 3 | NULL | X Coordinate in Kilometers |
| 22 | Y_USERCOORD | NUMBER | 7 | 3 | NULL | Y Coordinate in Kilometers |
| 23 | LOC_METH | CHAR | 3 | NULL | Method of Collecting Data Domain: Table LOC_METH | |
| 24 | UZ | NUMBER | 2 | NULL | UTM Zone | |
| 25 | UE_NAD83 | NUMBER | 6 | 3 | NULL | NAD83 UTM East in Kilometers |
| 26 | UN_NAD83 | NUMBER | 7 | 3 | NULL | NAD83 UTM North in Kilometers |

Table FACILITY - Facility Information (Continued)
(Primary Key: CO + FACID + AB + DIS)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--|
| 27 | LAT_NAD83 | NUMBER | 6 | 4 | NULL NAD83 Latitude in decimal degrees |
| 28 | LON_NAD83 | NUMBER | 7 | 4 | NULL NAD83 Longitude in decimal degrees |
| 29 | ARB_LOC_METH | NUMBER | 1 | | Code to indicate the ARB method to determine LAT_NAD83 and LON_NAD83 Domain: Table LOC_METH |
| 30 | MNAME | CHAR | 60 | | Company Name for Mailing Purpose |
| 31 | MSTREET | CHAR | 60 | | Company Mailing Street |
| 32 | MCITY | CHAR | 20 | | Company Mailing City |
| 33 | MSTATE | CHAR | 2 | | Company Mailing State |
| 34 | MZIP | CHAR | 5 | | Mail Zip Code Range: 1 - 99999 |
| 35 | MZIPEXT | CHAR | 4 | | Mail Zip Code Extension Range: 0 - 9999 |
| 36 | MCONTACT | CHAR | 24 | | Mail Contact Person |
| 37 | FCC | NUMBER | 5 | | Facility City Code Range: 0 - 99999 |
| 38 | AQCR | NUMBER | 2 | | EPA Air Quality Control Region |
| 39 | FACSUBCO | CHAR | 4 | | Facility Sub-county Identifier Domain: Table SUBCO |
| 40 | CODESIG | CHAR | 1 | | Area Designation for CO Domain: A - Attainment N - Non-attainment T - Non-attainment - Transitional U - Unclassified |
| 41 | N02DESIG | CHAR | 1 | | Area Designation for N0 ₂ Domain: A - Attainment N - Non-attainment T - Non-attainment - Transitional U - Unclassified |
| 42 | OZDESIG | CHAR | 1 | | Area Designation for Ozone Domain: A - Attainment N - Non-attainment T - Non-attainment - Transitional U - Unclassified |
| 43 | PMDESIG | CHAR | 1 | | Area Designation for Particulate Domain: A - Attainment N - Non-attainment T - Non-attainment - Transitional U - Unclassified |
| 44 | S02DESIG | CHAR | 1 | | Area Designation for S0 ₂ Domain: A - Attainment N - Non-attainment T - Non-attainment - Transitional U - Unclassified |

Table FACILITY - Facility Information (Continued)
(Primary Key: CO + FACID + AB + DIS)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 45 | FAC_PHASE | CHAR | 2 | NULL | Phase Facility Brought into Program P1 - 1st Phase, >=25 TPY or Tox. Inv. Fac. P2 - 2nd Phase, >=10 TPY & <25 Tpy Fac. P3 - 3rd Phase, <10 TPY |
| 46 | FAC_STATUS | CHAR | 1 | NULL | Toxic Program Status A - Out, out of business B - Out, de minimus C - Out, prioritization score < 1.0 D - Out, health risk assessment result < 1.0 E - District tracking F - State tracking G - Unprioritized H - Prioritization score > 10.0 |
| 47 | FAC_FORECAST | CHAR | 1 | NULL | Fac. Used for Forecasting Purposes Domain: N - NSR Facility |
| 48 | PRIORITY | CHAR | 1 | NULL | Priority for Risk Assessment Domain: H - High I - Intermediate L - Low |
| 49 | INDUSTRYWIDE | CHAR | 1 | NULL | Included in Industry Wide Domain: Y - Yes; N - No |
| 50 | SMALL_COMM | CHAR | 1 | NULL | Is Facility a Small Commercial or Aggregated Point? Domain: Y/N |
| 51 | FAC_UPDATE | CHAR | 3 | NULL | Updating Code Domain: SIP – SIP facility ANN – Annual Update CHS – CHAPIS Update ALM – Almanac Update |
| 52 | CHAPIS | CHAR | 1 | NULL | CHAPIS facility Domain: Y/N |
| 53 | VINTAGE_EMS | NUMBER | 4 | NULL | Year of Emissions Data |
| 54 | VINTAGE_RISK | NUMBER | 4 | NULL | Year of Risk Data |
| 55 | PROXIMITY | NUMBER | 9 | 2 | Receptor Proximity, meters |
| 56 | CANCEREPP | NUMBER | 6 | 2 | Cancer Priority Score, Emissions and Potency Procedure |
| 57 | NONCANCEREPP | NUMBER | 6 | 2 | Noncancer Priority Score, Emissions and Potency Procedure |
| 58 | ACUTEEPP | NUMBER | 6 | 2 | Acute Priority Score, Emissions and Potency Procedure |
| 59 | CHRONICEPP | NUMBER | 6 | 2 | Chronic Priority Score, Emissions and Potency Procedure |
| 60 | CANCERDAP | NUMBER | 6 | 2 | Cancer Priority Score, Dispersion Adjustment Procedure |
| 61 | NONCANCERDAP | NUMBER | 6 | 2 | Noncancer Priority Score, Dispersion Adjustment Procedure |
| 62 | ACUTEDAP | NUMBER | 6 | 2 | Acute Priority Score, Dispersion Adjustment Procedure |
| 63 | CHRONICDAP | NUMBER | 6 | 2 | Chronic Priority Score, Dispersion Adjustment Procedure |

Table FACILITY - Facility Information (Continued)
(Primary Key: CO + FACID + AB + DIS)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|----------------------|
| 64 | TS | NUMBER | 6 | 2 | NULL |
| 65 | PRIORITY_MULT | NUMBER | 6 | 2 | NULL |
| 66 | HRA_CAN | NUMBER | 7 | 2 | NULL |
| 67 | CHRONIC_HI | NUMBER | 7 | 2 | NULL |
| 68 | ACUTE_HI | NUMBER | 7 | 2 | NULL |
| 69 | FACD1 | CHAR | 9 | | NULL |
| 70 | FACD2 | CHAR | 9 | | NULL |
| 71 | FACU | DATE | 8 | | NULL |
| 72 | FACU_D | DATE | 8 | | NULL |
| 73 | MEMO_FAC | CHAR | 80 | | NULL |
| | | | | | Comments on Facility |

Table STACK - Stack Information
(Primary Key: CO + FACID + AB + DIS + STK)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--|
| 1 | CO | NUMBER | 2 | NOT NULL | County Number Domain: Table COABDIS |
| 2 | FACID | NUMBER | 9 | NOT NULL | Facility ID Domain: Table FACILITY (CO + FACID + AB + DIS) |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin Domain: Table COABDIS |
| 4 | DIS | CHAR | 3 | NOT NULL | District Domain: TABLE COABDIS |
| 5 | GEOID | CHAR | 25 | NULL | Special Project ID Format YYYY_CO_AB_DIS_FACID |
| 6 | GEOID_STK | CHAR | 32 | NULL | Special Project ID for Stack Format YYYY_CO_AB_DIS_FACID_STK |
| 7 | STK | NUMBER | 6 | NOT NULL | Stack ID Range: 1 – 999999 |
| 8 | STKNAME | CHAR | 60 | NULL | Stack Name |
| 9 | COORD_SYS | CHAR | 15 | NULL | Coordinate System Use Domain: DD - Decimal Degrees TA - Teale Albers U10- UTM10 U11- UTM11 |
| 10 | DATUM | CHAR | 5 | NULL | Type of Datum Used Domain: NAD27 NAD83 WGS84 Other |
| 11 | SPHEROID | CHAR | 10 | NULL | Shape Used for Ellipsoidal Earth Domain: Clarke1866 GRS80 WGS84 WGS72 Other |
| 12 | X_USERCOORD | NUMBER | 6 | 3 | NULL |
| 13 | Y_USERCOORD | NUMBER | 7 | 3 | NULL |
| | | | | | X Coordinate in Kilometers Y Coordinate in Kilometers |

Table STACK - Stack Information (Continued)
(Primary Key: CO + FACID + AB + DIS + STK)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|--------------------|-----------------|------------------|--------------|--|
| 14 | SUTME_NAD83 | NUMBER | 6 | 3 | NULL NAD83 Stack UTM East Coordinate, Km Domain: Table UTM EAST |
| 15 | SUTMN_NAD83 | NUMBER | 7 | 3 | NULL NAD83 Stack UTM North Coordinate, Km Domain: Table UTM NORTH |
| 16 | SLAT_NAD83 | NUMBER | 6 | 4 | NULL Latitude in degree, decimal in fraction |
| 17 | SLON_NAD83 | NUMBER | 7 | 4 | NULL Longitude in degree, decimal in fraction |
| 18 | NAD83_CODE | NUMBER | 1 | | NULL Code to indicate how latitude and longitude were derived Domain: Table DEFNAD83 |
| 19 | STKHT | NUMBER | 4 | | NULL Stack Height, Feet |
| 20 | STKDIAM | NUMBER | 4 | 1 | NULL Stack Diameter at Exit, Feet |
| 21 | GT | NUMBER | 4 | | NULL Actual Gas Temp at Exit, Deg. F Range: 50-2500 |
| 22 | GF | NUMBER | 8 | | NULL Actual Gas Flow, Ft ³ /Min |
| 23 | GV | NUMBER | 6 | | NULL Actual Gas Velocity at Exit, Ft/Min |
| 23 | STKU | DATE | 8 | | NULL Date of Last Update |
| 25 | ELEV | NUMBER | 8 | | NULL Elevation in Feet |
| 26 | SRCTYP | CHAR | 7 | | NOT NULL Type of Release Domain: POINT VOLUME AREA OPENPIT |
| 27 | SYINIT | NUMBER | 9 | 3 | NULL Initial Lateral Dimension of Volume Release, feet |
| 28 | SZINIT | NUMBER | 9 | 3 | NULL Initial Vertical Dimension of Volume or Area Release (Optional for Area), feet |
| 29 | XINIT | NUMBER | 9 | 3 | NULL Square Length or Rec. Side of Area Release, feet |
| 30 | YINIT | NUMBER | 9 | 3 | NULL Rectangular Side of Area or Open Pit Release (Optional for Area), feet |
| 31 | ANGLE | NUMBER | 5 | 2 | NULL Angle of Area or Open Pit Source, degree (Optional) |
| 32 | PITVOL | NUMBER | 15 | 2 | NULL Volume of Open Pit Source, ft³ |
| 33 | ISDEFAULT | CHAR | 1 | | NULL Flag to indicate Stack Data are default Domain: Y/N |
| 34 | STKU_D | DATE | 8 | | NULL Date District Last Updated |
| 35 | MEMO_STK | CHAR | 80 | | NULL Comments on Stack Information |

Table DEVICE - Device Information
(Primary Key: CO + FACID + AB + DIS + DEV)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> | |
|------------|-----------------|-----------------|------------------|--------------|---|---------------------------------------|
| 1 | CO | NUMBER | 2 | NOT NULL | County Number Domain: Table COABDIS | |
| 2 | FACID | NUMBER | 9 | NOT NULL | Facility ID Domain: Table FACILITY (CO+FACID+AB+DIS) | |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin Domain: Table COABDIS | |
| 4 | DIS | CHAR | 3 | NOT NULL | District Domain: Table COABDIS | |
| 5 | DEV | NUMBER | 6 | NOT NULL | Device ID Range: 1 - 999999 | |
| 6 | DEVNM | CHAR | 40 | NULL | Local Name of this Device | |
| 7 | DEVCAP | CHAR | 40 | NULL | Device Output Capacity in MegaWatt | |
| 8 | PERID | CHAR | 32 | NULL | Local Permit ID | |
| 9 | NUMDEV | NUMBER | 5 | NULL | Number of Devices Represented | |
| 10 | EQSIZE_CF | CHAR | 1 | NULL | Equipment Size Confidential Flag Domain: Y - Yes N - No | |
| C | 11 | EQSIZE | NUMBER | 7 1 | NULL | Equipment Size Range: 0 - 999999.9 |
| 12 | EQUNITC | NUMBER | 5 | NULL | Equipment Size Units Code Domain: Table EQSIZEUNIT | |
| 13 | EQTYPEC | NUMBER | 5 | NULL | Equipment Type Code Domain: Table EQTYPE | |
| 14 | DEVSUBCO | CHAR | 4 | NULL | Sub-county ID Domain: Table SUBCO | |
| 15 | SECT | NUMBER | 2 | NULL | Section Range: 1- 36 | |
| 16 | TWNSHP | NUMBER | 2 | NULL | Township Range: 1 - 50 | |
| 17 | TWNSHPB | CHAR | 1 | NULL | Township Base Domain: N - North S - South | |
| 18 | RANGE | NUMBER | 2 | NULL | Range Range: 1- 50 | |
| 19 | RANGEB | CHAR | 1 | NULL | Range Base Domain: E - East W - West | |
| 20 | DEVD1 | CHAR | 40 | NULL | Reserved for District Use | |
| 21 | DEVD2 | CHAR | 40 | NULL | Reserved for District Use | |
| 22 | DEVU | DATE | 8 | NULL | Date and Time of Last Update | |
| 23 | DEVU_D | DATE | 8 | NULL | Date District Last Updated | |
| 24 | MEMO_DEV | CHAR | 80 | NULL | Comments on Device Information | |

Table PROCESS - Process Information
(Primary Key: CO + FACID + AB +DIS + DEV + PROID)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | CO | NUMBER | 2 | NOT NULL | County Number Domain: Table COABDIS |
| 2 | FACID | NUMBER | 9 | NOT NULL | Facility ID Domain: Table FACILITY (CO+FACID+AB+DIS) |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin Domain: Table COABDIS |
| 4 | DIS | CHAR | 3 | NOT NULL | District Domain: Table COABDIS |
| 5 | DEV | NUMBER | 6 | NOT NULL | Device ID Domain: Table DEVICE (CO+FACID+ AB+DIS+DEV) |
| 6 | PROID | NUMBER | 14 | NOT NULL | Process ID Domain: If Category Type is SP: 1 - 99 Else: Table EIC |
| C 7 | PRDESC | CHAR | 60 | NULL | Process Description |
| C 8 | SCC | NUMBER | 14 | NOT NULL | SCC OR EIC Domain: If Category Type is SP: Table SCC - Width = 8 |
| 9 | SIC | NUMBER | 14 | NOT NULL | Process SIC or EIC Domain: Table SIC WIDTH = 4 |
| 10 | NAICS | CHAR | 6 | NULL | North American Industry Classification System Code Domain: Table NAICS |
| C 11 | PR | NUMBER | | NULL | Process Rate in SCC Units |
| 12 | PRUNITS | NUMBER | 4 | NULL | Process Rate Unit Code |
| 13 | OUTPUT | NUMBER | 6 | NULL | Process Rate Output in MegaWatt-Hour |
| C 14 | UPR | NUMBER | 12 | 1 | Unreconciled Area Process Rate Range: 0 - 9999999999.9 |
| C 15 | MAXHR_PR | NUMBER | | NULL | Maximum Hourly Process Rate Note: Limit to 9 Chars. On Report Form |
| C 16 | MAXD | NUMBER | 9 | 3 | Maximum Design Rate Range: 0 - 999999.999 |
| C 17 | S | NUMBER | 3 | 2 | Percent Fuel Sulfur Content Range: 0 - 3.00 |
| 18 | PRORIG | NUMBER | 3 | NULL | Process Rate Origin Code Domain: Table DEFPRORIG |
| 19 | PRREL | NUMBER | 3 | NULL | Process Rate Reliability |
| 20 | STK | NUMBER | 6 | NULL | Stack ID Domain: Table STACK (AB+ DIS+CO+FACID+STK) |
| 21 | HPDY | NUMBER | 2 | NULL | Operating Hours per Day Daily Operating Cycle Domain: Table DEFHPDY |
| 22 | DPWK | NUMBER | 2 | NULL | Operating Days per Week Weekly Operating Cycle Domain: Table DEFDPWK |

Table PROCESS - Process Information (Continued)
(Primary Key: CO + FACID + AB + DIS + DEV + PROID)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 23 | WPYR | NUMBER | 2 | NULL | Operating Weeks per Year Range: 1 - 52 |
| 24 | YREST | NUMBER | 4 | NULL | Year of Process/Emission Estimate Made Range: 1980 to Current Year |
| 25 | PROD1 | CHAR | 40 | NULL | Reserved for District Use |
| 26 | PROD2 | CHAR | 40 | NULL | Reserved for District Use |
| 27 | PR_FORECAST | CHAR | 1 | NULL | Process Specific Forecast Indicator Domain: N - NSR Process |
| 28 | CONF | CHAR | 1 | NULL | Confidential Process Data Y - Yes N - No |
| 29 | JANT | NUMBER | 4 | 1 | Percent Activity for January Range: 0- 100.0 |
| 30 | FEBT | NUMBER | 4 | 1 | Percent Activity for February Range: 0- 100.0 |
| 31 | MART | NUMBER | 4 | 1 | Percent Activity for March Range: 0- 100.0 |
| 32 | APRT | NUMBER | 4 | 1 | Percent Activity for April Range: 0- 100.0 |
| 33 | MAYT | NUMBER | 4 | 1 | Percent Activity for May Range: 0- 100.0 |
| 34 | JUNT | NUMBER | 4 | 1 | Percent Activity for June Range: 0- 100.0 |
| 35 | JULT | NUMBER | 4 | 1 | Percent Activity for July Range: 0- 100.0 |
| 36 | AUGT | NUMBER | 4 | 1 | Percent Activity for August Range: 0- 100.0 |
| 37 | SEPT | NUMBER | 4 | 1 | Percent Activity for Sept. Range: 0 - 100.0 |
| 38 | OCTT | NUMBER | 4 | 1 | Percent Activity for October Range: 0 - 100.0 |
| 39 | NOVT | NUMBER | 4 | 1 | Percent Activity for November Range: 0- 100.0 |
| 40 | DECT | NUMBER | 4 | 1 | Percent Activity for Dec. Range: 0- 100.0 |
| 41 | SPATIAL | CHAR | 8 | NULL | Spatial Distribution Parameter |
| 42 | SEST | CHAR | 6 | NULL | Agency Making Area Estimate |
| 43 | PRUP | DATE | 8 | NULL | Date of Last Process Rate Update |
| 44 | PRUPID | CHAR | 10 | NULL | Person or Agency Changing Process Rate |
| 45 | PRUP_D | DATE | 8 | NULL | Date District Last Updated |
| 46 | MEMO_PR | CHAR | 80 | NULL | Comments on Process Information |

Table EMISSION - Emissions Information
(Primary Key: CO + FACID + AB + DIS + DEV + PROID + POL)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|------------------|-----------------|------------------|--------------|--|
| 1 | CO | NUMBER | 2 | NOT NULL | County Number Domain: Table COABDIS |
| 2 | FACID | NUMBER | 9 | NOT NULL | Facility ID Domain: Table FACILITY (CO+FACID+AB+DIS) |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin Domain: Table COABDIS |
| 4 | DIS | CHAR | 3 | NOT NULL | District Domain: Table COABDIS |
| 5 | DEV | NUMBER | 6 | NOT NULL | Device ID Domain: Table DEVICE (CO+FACID+AB+DIS+DEV) |
| 6 | PROID | NUMBER | 14 | NOT NULL | Process ID Domain: Table PROCESS (CO+FACID+AB+DIS+DEV+PROID) |
| 7 | POL | NUMBER | 9 | NOT NULL | Pollutant Code Domain: Table POLLUTANT |
| C 8 | UEMFACT | NUMBER | | NULL | Uncontrolled Emission Factor Limits to 10 Chars. On Report Form |
| 9 | CNTL1 | NUMBER | 3 | NULL | Primary Pol. Control Device Code Domain: Table CNTLDEV |
| 10 | CNTL2 | NUMBER | 3 | NULL | Secondary Pol. Control Device Code Domain: Table CNTLDEV |
| 11 | CNTLEFF | NUMBER | 4 | 1 | Control Efficiency (Percent) Range: 0- 100.0 |
| C 12 | EMFACT | NUMBER | | NULL | Emission Factor (Lbs/SCC Units) |
| C 13 | EMORIG | NUMBER | 3 | NULL | Emission Factor Origin Code Domain: Table DEFEMORIG |
| 14 | EMREL | NUMBER | 3 | NULL | Emission Factor Reliability |
| 15 | FRAC_STAT | NUMBER | 1 | NULL | Status of ROG/TOG/PM10 input Domain: 1 - ROG/PM10 only reported 2 - ROG/PM10 and FRAC reported 3 - ROG/PM10 and TOG/PM reported |
| 16 | FRAC_1 | NUMBER | 5 | 4 | NULL |
| 17 | ARBFR1 | NUMBER | 5 | 4 | NULL |
| 18 | FRAC_2 | NUMBER | 5 | 4 | NULL |
| 19 | ARBFR2 | NUMBER | 5 | 4 | NULL |
| 20 | EMS | NUMBER | | NOT NULL | Annual Emissions Units: Tons per Year for Criteria Pol's Lbs per Year for Toxics Curies/yr for Radionuclides |
| 21 | HRMAXEMS | NUMBER | | NULL | Hourly Maximum Emissions Units: Lbs/hr Millicuries/hr for Radionuclides |

Table EMISSION - Emissions Information (Continued)
(Primary Key: CO + FACID + AB + DIS + DEV + PROID + POL)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-------------------|-----------------|------------------|--------------|---|
| C 22 | METH | NUMBER | 2 | NULL | Emission Calculation Method Code Domain: Table DEFMETH |
| 23 | REASCH | NUMBER | 2 | NULL | Reason Emission Changed Code Domain: Table DEFREASCH |
| 24 | EXEMS | NUMBER | | NULL | Total Excess Emissions Units: Tons per Year for Criteria Pol's Lbs per Year for Toxics Curies/yr for Radionuclides |
| 25 | UNREMS | NUMBER | 9 | 1 | Unreconciled Area Emissions (Tons/year) Range: 0-99999999.9 |
| 26 | POTENTIAL | NUMBER | | NULL | Potential Emissions for Districts' Use Units: Tons per Year for Criteria Pol's Lbs per Year for Toxics Curies/yr for Radionuclides |
| 27 | EMS_FORECAST | CHAR | 1 | NULL | Pollutant Specific Forecast Indicators Domain: R - Reclaim Pollutant |
| 28 | EMSU | DATE | 8 | NULL | Date of Last Update |
| 29 | EMFACTUP | DATE | 8 | NULL | Date of Last EMFACT Update |
| 30 | EMFACTUPID | CHAR | 10 | NULL | Person or Agency Changing Emfact |
| 31 | EMSUP | DATE | 8 | NULL | Date of Last EMS Update |
| 32 | EMSUPID | CHAR | 10 | NULL | Person or Agency Changing EMS |
| 33 | MAINTAINED | CHAR | 1 | NULL | Flag to Indicate Whether This Emission is Agreed to be Regularly Maintained by Districts For CHAPIS Domain: Y/N |
| 34 | EMSUP_D | DATE | 8 | NULL | Date District Last Updated |
| 35 | MEMO_EMS | CHAR | 80 | NULL | Comments on Emission Information |

Table EXCESS - Excess Emissions Data
(Primary Key: CO + FACID + AB + DIS + DEV + PROID + POL + EXTYPE + EXQTR + EXYR)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--|
| 1 | CO | NUMBER | 2 | NOT NULL | County Number Domain: Table COABDIS |
| 2 | FACID | NUMBER | 9 | NOT NULL | Facility ID Domain: Table FACILITY (CO+FACID+AB+DIS) |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin Domain: Table COABDIS |
| 4 | DIS | CHAR | 3 | NOT NULL | District Domain: Table COABDIS |
| 5 | DEV | NUMBER | 6 | NOT NULL | Device Id Domain: Table DEVICE (CO+FACID+AB+DIS+DEV) |
| 6 | PROID | NUMBER | 14 | NOT NULL | Process ID Domain: Table PROCESS |
| 7 | POL | NUMBER | 9 | NOT NULL | Pollutant ID Domain: Table POLLUTANT |
| 8 | EXTYPE | NUMBER | 3 | NOT NULL | Type of Excess Emissions Code Domain: Table DEFEXTYPE |
| 9 | EXQTR | NUMBER | 1 | NOT NULL | Quarter of Year of Excess Emissions Domain: 1 - 1st Quarter 2 - 2nd Quarter 3 - 3rd Quarter 4 - 4th Quarter |
| 10 | EXYR | NUMBER | 4 | NOT NULL | Calender Year of Excess Emissions |
| 11 | EXCESS | NUMBER | | NULL | Excess Emissions Units: Tons/yr for Criteria Pollutants Lbs/yr for Toxics Curies/yr for Radionuclides |

Table S_UP - Supplemental Use and Production Information
(Primary Key: CO + FACID + AB + DIS + POL)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--|
| 1 | CO | NUMBER | 2 | NOT NULL | County Number Domain: Table COUNTY |
| 2 | FACID | NUMBER | 9 | NOT NULL | Facility ID Domain: Table FACILITY (CO+FACID+DIS+AB) |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin |
| 4 | DIS | CHAR | 3 | NOT NULL | District Domain: Table COABDIS |
| 5 | POL | NUMBER | 9 | NOT NULL | Pollutant ID Domain: Table POLLUTANT |
| 6 | USED | CHAR | 1 | NULL | Is this Substance Used? Domain: Y - Yes; N - No |
| 7 | PRODUCED | CHAR | 1 | NULL | Is this Substance Produced? Domain: Y - Yes; N - No |
| 8 | PRESENT | CHAR | 1 | NULL | Is this Subst. Otherwise Present? Domain: Y - Yes; N - No |
| 9 | HOW_PRESENT | CHAR | 39 | NULL | How Subst. Is Otherwise Present |
| 10 | S_UPU | DATE | 8 | NULL | Date of Last Update |

Table BLDG – Building Information
(Primary Key: CO + FACID + AB + DIS + ID + TIER)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTHDEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> | |
|------------|-----------------|-----------------|-----------------|--------------|--|---|
| 1 | CO | NUMBER | 2 | NOT NULL | County Number Domain: Table COABDIS | |
| 2 | FACID | NUMBER | 9 | NOT NULL | Facility ID Domain: Table FACILITY (CO+FACID+AB+DIS) | |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin Domain: Table COABDIS | |
| 4 | DIS | CHAR | 3 | NOT NULL | District Domain: Table COABDIS | |
| 5 | ID | NUMBER | 5 | NOT NULL | Building ID | |
| 6 | TIER | NUMBER | 5 | NULL | Tier ID | |
| 7 | DESCRIPTION | CHAR | 80 | NULL | Building Description | |
| 8 | HEIGHT | NUMBER | 5 | 2 | NULL | Building Height from Ground Level, Meters |
| 9 | ELEVATION | NUMBER | 7 | 2 | NULL | Elevation of Base of Building, Feet |
| 10 | NPTS | NUMBER | 2 | NULL | Number of Vertex Point | |
| 11 | ISDEFAULT | CHAR | 1 | NULL | Are Building Data Defaulted? Domain: Y/N | |

Table BLDGPNTS – Building Point Information
(Primary Key: CO + FACID + AB + DIS + ID + POINTID + TIER)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTHDEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> | |
|------------|-----------------|-----------------|-----------------|--------------|--|--|
| 1 | CO | NUMBER | 2 | NOT NULL | County Number Domain: Table COABDIS | |
| 2 | FACID | NUMBER | 9 | NOT NULL | Facility ID Domain: Table FACILITY (CO+FACID+AB+DIS) | |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin Domain: Table COABDIS | |
| 4 | DIS | CHAR | 3 | NOT NULL | District Domain: Table COABDIS | |
| 5 | ID | NUMBER | 5 | NULL | Building ID | |
| 6 | TIER | NUMBER | 5 | NULL | Tier ID | |
| 7 | POINTID | NUMBER | 5 | NULL | Vertex Point ID | |
| 8 | PLOTORDER | NUMBER | 5 | NULL | Plot Order | |
| 9 | UTME | NUMBER | 9 | 2 | NULL | UTM East Offset in Meters, Relative to Facility |
| 10 | UTMN | NUMBER | 9 | 2 | NULL | UTM North Offset in Meters, Relative to Facility |

Table PROP – Property Information
(Primary Key: CO + FACID + AB + DIS + ID)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTHDEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|-----------------|--------------|--|
| 1 | CO | NUMBER | 2 | NOT NULL | County Number |
| 2 | FACID | NUMBER | 9 | NOT NULL | Facility ID |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin |
| 4 | DIS | CHAR | 3 | NOT NULL | District |
| 5 | ID | NUMBER | 5 | NOT NULL | Property ID |
| 6 | DESCRIPTION | CHAR | 80 | NULL | Property Description |
| 7 | NPTS | NUMBER | 5 | NULL | Number of Vertex Points |
| 8 | ISDEFAULT | CHAR | 1 | NULL | Is the Property Information Defaulted Domain: Y/N |

Table PROPPNTS – Property Data
(Primary Key: CO + FACID + AB + DIS + ID)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTHDEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> | |
|------------|-----------------|-----------------|-----------------|--------------|--------------------|--|
| 1 | CO | NUMBER | 2 | NOT NULL | County Number | |
| 2 | FACID | NUMBER | 9 | NOT NULL | Facility ID | |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin | |
| 4 | DIS | CHAR | 3 | NOT NULL | District | |
| 5 | ID | NUMBER | 5 | NOT NULL | Property ID | |
| 6 | POINTID | NUMBER | 5 | NOT NULL | Vertex Point ID | |
| 7 | PLOTORDER | NUMBER | 5 | NULL | Plot Order | |
| 8 | UTME | NUMBER | 9 | 2 | NULL | UTM East Offset in Meters, Relative to Facility |
| 9 | UTMN | NUMBER | 9 | 2 | NULL | UTM North Offset in Meters, Relative to Facility |
| 10 | ELEVATION | NUMBER | 7 | 2 | NULL | Elevation, feet |

Table RECEP – Receptor Information
(Primary Key: RECID + CO + AB + DIS)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTHDEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|-----------------|--------------|------------------------|
| 1 | RECID | NUMBER | 10 | NOT NULL | Receptor ID |
| 2 | CO | NUMBER | 2 | NOT NULL | County Number |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin |
| 4 | DIS | CHAR | 3 | NOT NULL | District |
| 5 | RECGROUP | CHAR | 8 | NULL | Receptor Group |
| 6 | RECTYPE | CHAR | 50 | NULL | Receptor Type |
| 7 | UZ | NUMBER | 3 | NULL | UTM Zone |
| 8 | UE | NUMBER | 9 2 | NULL | UTM East in Meters |
| 9 | UN | NUMBER | 9 2 | NULL | UTM North in Meters |
| 10 | ELEV | NUMBER | 7 2 | NULL | Elevation in Feet |
| 11 | POPRES | NUMBER | 10 | NULL | Residential Population |
| 12 | POPWORK | NUMBER | 10 | NULL | Working Population |

Table POLLUTANT - Pollutant Information
(Primary Key: POL)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | POL | NUMBER | 9 | NOT NULL | Pollutant ID Ranges: 1 - 9999 ARB ID Number > 9999 CAS Number SAROAD Code for Criteria Pollutants |
| 2 | POL_TYPE | CHAR | 1 | NULL | Pollutant Type - Domain: C - Criteria T - Toxics |
| 3 | POLN | CHAR | 80 | NULL | Pollutant Full Name |
| 4 | POLABBREV | CHAR | 15 | NULL | Pollutant Abbreviated Name |
| 5 | POLALTN1 | CHAR | 80 | NULL | Alternate Name for Pollutant |
| 6 | POLALTN2 | CHAR | 80 | NULL | Alternate Name for Pollutant |
| 7 | RPT_GROUP | CHAR | 80 | NULL | Pol'ts Reported by Regulatory Group |
| 8 | RPT_ALPHA | CHAR | 80 | NULL | Pol'ts Rpt'd by Alpha Within Reg. Group |
| 9 | ALPHA_POL | CHAR | 80 | NULL | Pollutants Reported by Alpha |
| 10 | HAPS | CHAR | 1 | NULL | Federal Hazardous Air Pollutant Domain: Y - HAPS |
| 11 | REG_SUBST | CHAR | 1 | NULL | Regulation Substance Indicator Domain: Y - Yes |
| 12 | SELECTED_GRP | NUM | 2 | NULL | Selected Group of Substance Code for Report Domain: Table DEFCODE |
| 13 | FORMULA | CHAR | 25 | NULL | Molecular Formula |
| 14 | SAROAD | NUMBER | 5 | NULL | SAROAD Code Range: 10000 - 45000 |
| 15 | IUPAC | CHAR | 80 | NULL | IUPAC Name |
| 16 | ADD_DATE | DATE | 8 | NULL | Date Added to "Hot Spots" List |
| 17 | DROP_DATE | DATE | 8 | NULL | Date Dropped from "Hot Spots" List |
| 18 | CHANGE_DATE | DATE | 8 | NULL | Date Changed on "Hot Spots" List |
| 19 | DELETED | CHAR | 1 | NULL | Subst Deleted from "Hot Spots" List Domain: Y - Yes; N - No |
| 20 | FEECAT | NUMBER | 2 | NULL | Fee Category List Domain: 1 or 2 |

Table POLLUTANT - Pollutant Information (Cont.)
(Primary Key: POL)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-------------------|-----------------|------------------|--------------|--|
| 21 | TOXAPPEN | CHAR | 5 | NULL | Regulation Appendix List Domain: A-I or A-II or A-III |
| 22 | BIOCIDE | CHAR | 1 | NULL | Is Substance a Biocide? Domain: Y - Yes; N - No |
| 23 | PHARM | CHAR | 1 | NULL | Is Substance a Pharmaceutical? Domain: Y - Yes; N - No |
| 24 | CARCIN | CHAR | 1 | NULL | Is Substance a Carcinogen? Domain: Y - Yes; N - No |
| 25 | DEG_ACC | NUMBER | | NULL | Degree of Accuracy of Substance |
| 26 | MOLE_WT | NUMBER | 7 2 | NULL | Molecular Weight |
| 27 | MELT_PT | NUMBER | 7 2 | NULL | Melting Point (Centigrade) |
| 28 | BOIL_PT | NUMBER | 7 2 | NULL | Boiling Point (Centigrade) |
| 29 | AUTOIG | NUMBER | 7 2 | NULL | Auto Ignition Point (Centigrade) |
| 30 | SUBLI | NUMBER | 7 2 | NULL | Sublimation Point (Centigrade) |
| 31 | SPECG | NUMBER | 6 4 | NULL | Specific Gravity |
| 32 | VAPOR | NUMBER | 15 9 | NULL | Vapor Pressure (mm Hg) |
| 33 | VPTEMP | NUMBER | 7 2 | NULL | Vapor Pres Ref Temp (Centigrade) |
| 34 | CHEMSTATE | CHAR | 2 | NULL | Chemical State Domain: G - Gas; GL - Gas/liquid L - Liquid; LS- Liquid/solid S - Solid |
| 35 | DENSITY | NUMBER | 9 4 | NULL | Density of Substance (Lbs/Cu.ft) |
| 36 | MAINTAINED | CHAR | 1 | NULL | Flag to Indicate Whether This Pollutant is Agreed to be Regularly Maintained by Districts/ARB Domain: Y/N |

Table BLDGTRANS – Building Transaction
(Primary Key: BATCHID + TRANSID + ACTION + CO + FACID + AB + DIS + ID + TIER)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTHDEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|-----------------|--------------|---|
| 1 | BATCHID | CHAR | 8 | NOT NULL | Batch ID |
| 2 | BTYPE | CHAR | 1 | NOT NULL | Batch Type: (P)oint |
| 3 | TRANS_ID | CHAR | 3 | NOT NULL | Transaction ID - Domain: BLD |
| 4 | ACTION | CHAR | 1 | NOT NULL | Action: A(dd), C(hange), or D(elete) |
| 5 | CO | NUMBER | 2 | NOT NULL | County Number |
| 6 | FACID | NUMBER | 9 | NOT NULL | Facility ID |
| 7 | AB | CHAR | 3 | NOT NULL | Air Basin |
| 8 | DIS | CHAR | 3 | NOT NULL | District |
| 9 | ID | NUMBER | 5 | NOT NULL | Building ID |
| 10 | TIER | NUMBER | 5 | NULL | Tier ID |
| 11 | DESCRIPTION | CHAR | 80 | NULL | Building Description |
| 12 | HEIGHT | NUMBER | 5 2 | NULL | Building Height from Ground Level, Meters |
| 13 | ELEVATION | NUMBER | 7 2 | NULL | Elevation of Base of Building, Feet |
| 14 | NPTS | NUMBER | 2 | NULL | Number of Vertex Point |
| 15 | ISDEFAULT | CHAR | 1 | NULL | Are Building Data Defaulted? |
| 16 | OPERATOR | CHAR | 3 | NULL | Operator Initials |
| 17 | TDATE | DATE | 8 | NOT NULL | Transaction Date |

Table BLDGPTRANS – Building Point Transaction
(Primary Key: BATCHID + BTYPE + TRANS_ID + CO + FACID + AB + DIS + ID + POINTID + TIER)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTHDEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> | |
|------------|-----------------|-----------------|-----------------|--------------|--------------------------------------|--|
| 1 | BATCHID | CHAR | 8 | NOT NULL | Batch ID | |
| 2 | BTYPE | CHAR | 1 | NOT NULL | Batch Type: (P)oint | |
| 3 | TRANS_ID | CHAR | 3 | NOT NULL | Transaction ID - Domain: BLP | |
| 4 | ACTION | CHAR | 1 | NOT NULL | Action: (A)dd, (C)hange, or (D)elete | |
| 5 | CO | NUMBER | 2 | NOT NULL | County Number | |
| 6 | FACID | NUMBER | 9 | NOT NULL | Facility ID | |
| 7 | AB | CHAR | 3 | NOT NULL | Air Basin | |
| 8 | DIS | CHAR | 3 | NOT NULL | District | |
| 9 | ID | NUMBER | 5 | NULL | Building ID | |
| 10 | TIER | NUMBER | 5 | NULL | Tier ID | |
| 11 | POINTID | NUMBER | 5 | NULL | Vertex Point ID | |
| 12 | PLOTORDER | NUMBER | 5 | NULL | Plot Order | |
| 13 | UTME | NUMBER | 9 | 2 | NULL | UTM East Offset in Meters, Relative to Facility |
| 14 | UTMN | NUMBER | 9 | 2 | NULL | UTM North Offset in Meters, Relative to Facility |
| 15 | OPERATOR | CHAR | 3 | NULL | Operator Initials | |
| 16 | TDATE | DATE | 8 | NOT NULL | Transaction Date | |

Table BPRLOG - Batch Processing Log
(Primary Key: BATCHID + REC_NUM)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--------------------|
| 1 | BATCHID | CHAR | 8 | NOT NULL | Batch ID |
| 2 | REC_NUM | NUMBER | 7 | NOT NULL | Record Number |
| 3 | MESG | CHAR | 80 | NULL | Processing Message |
| 4 | PRDATE | DATE | 8 | NULL | Processing Date |

**Table CATEGORY - Category Information
(Primary Key: SCC + SIC)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | SCC | NUMBER | 14 | NOT NULL | SCC or EIC Code Domain: Table SCC |
| 2 | SIC | NUMBER | 14 | NOT NULL | SIC Code or EIC Code Domain: Table SIC |
| 3 | NAICS | CHAR | 6 | NULL | NAICS Code Domain: Table NAICS |
| 4 | EIC | NUMBER | 14 | NULL | Complete Emission Inv. Code Domain: Table EIC |
| 5 | REIC | NUMBER | 14 | NULL | EIC for Reconciliation Purposes Domain: Table EIC |
| 6 | CES | NUMBER | 6 | NULL | Category of Emission Source Range: 1 - 84000 |
| 7 | CATU | DATE | 8 | NULL | Date and Time of Last Update |
| 8 | TYPE | CHAR | 2 | NULL | Source Type Domain: SP - Stationary Point SA - Stationary Aggregated A - Area-wide M - On-road Mobile O - Other Mobile N - Natural (Non-anthropogenic) |

Table CNTLDEV - Pollution Control Device Codes And Names (Primary Key: CNTL)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | CNTL | NUMBER | 3 | NOT NULL | Pollution Control Device Code Range: 0-999 |
| 2 | CNTLN | CHAR | 80 | NULL | Pollution Control Device Name |
| 3 | CNTLDESC | CHAR | 80 | NULL | Pollution Control Dev. Description |

**Table CNTLEFF - Pollution Control Device Efficiency Ranges
(Primary Key: CNTL + POL)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> | |
|------------|-----------------|-----------------|------------------|--------------|--|---|
| 1 | CNTL | NUMBER | 3 | NOT NULL | Pollution Control Device Code Range: 0 - 999 | |
| 2 | CNTLEFFGRP | CHAR | 4 | NOT NULL | Control Efficiency Group Domain Table DEFCNTLEFFGRP | |
| 2 | POL | NUMBER | 9 | NOT NULL | Pollutant Code Domain Table POLLUTANT | |
| 3 | MINEFF | NUMBER | 5 | 1 | NULL | Minimum Control Efficiency Range: -100.0 - 100.0 |
| 4 | MAXEFF | NUMBER | 5 | 1 | NULL | Maximum Control Efficiency Range: -100.0 - 100.0 |

**Table COABDIS - County, Air Basin, and District Information
(Primary Key: CO + AB + DIS)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-------------------|-----------------|------------------|--------------|--|
| 1 | CO | NUMBER | 2 | NOT NULL | County Number Range: 1- 58 |
| 2 | AB | CHAR | 3 | NOT NULL | Air Basin ID |
| 3 | DIS | CHAR | 3 | NOT NULL | District ID |
| 4 | MERGE_YEAR | NUMBER | 4 | NULL | Merged Year – Starting Year Data are Merged |
| 5 | ABN | CHAR | 30 | NOT NULL | Air Basin Name |
| 6 | CON | CHAR | 15 | NOT NULL | County Name |
| 7 | COID | CHAR | 3 | NOT NULL | Alpha County ID |
| 8 | DISN | CHAR | 35 | NOT NULL | District Name |

**Table DEFAREAC - Telephone Area Codes
(Primary Key: AREAC)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|-----------------------------|
| 1 | AREAC | NUMBER | 3 | NOT NULL | Area Code Range: 1 - 999 |

**Table DEFCONTLEFFGRP - Control Efficiency Group
(Primary Key: CNTLEFFGRP)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|-------------------------------|
| 1 | CNTLEFFGRP | CHAR | 4 | NOT NULL | Control Efficiency Group Code |
| 2 | CNTLEFFGRPN | CHAR | 80 | NULL | Control Efficiency Group Name |

**Table DEFDPWK - Weekly Operating Cycle Codes and Names
(Primary Key: DPWK)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--|
| 1 | DPWK | NUMBER | 2 | NOT NULL | Days/week - Weekly Op. Cycle Code Range: 0 - 99 |
| 2 | DPWKN | CHAR | 80 | NULL | Days/week-weekly Op. Cycle Desc |

**Table DEFEICMAT - Materials Description Codes and Names
(Primary Key: EICMAT)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | EICMAT | NUMBER | 4 | NOT NULL | Materials Description Code Range: 0 - 9999 |
| 2 | EICMATN | CHAR | 60 | NULL | Name of Material |

**Table DEFEICSOU - Source Category Codes and Names
(Primary Key: EICSOU)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--|
| 1 | EICSOU | NUMBER | 3 | NOT NULL | Source Category Code Range: 0 - 999 |
| 2 | EICSOUN | CHAR | 60 | NULL | Source Category Name |

**Table DEFEICSUB - Emission Sub-Category Codes and Names
(Primary Key: EICSUB)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | EICSUB | NUMBER | 4 | NOT NULL | Emission Sub-category Code Range: 0 - 9999 |
| 2 | EICSUBN | CHAR | 60 | NULL | Emission Sub-category Name |

**Table DEFEICSUM - Summary Category Codes and Names
(Primary Key: EICSUM)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | EICSUM | NUMBER | 3 | NOT NULL | Summary Category Code Range: 0 - 999 |
| 2 | EICSUMN | CHAR | 60 | NULL | Summary Category Name |
| 3 | DIV | NUMBER | 1 | NULL | EIC Division |
| 4 | DIVN | CHAR | 30 | NULL | EIC Division Name |
| 5 | EIC 1 | NUMBER | 1 | NULL | First Digit of EIC |
| 6 | EIC1N | CHAR | 40 | NULL | Name of First Digit of EIC |

**Table DEFEIC1 - First Digit of the EIC and Names
(Primary Key: EIC1)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|----------------------------|
| 1 | EIC1 | NUMBER | 1 | NOT NULL | First Digit of EIC |
| 2 | EIC1N | CHAR | 40 | NULL | Name of First Digit of EIC |

**Table DEFEMORIG - Emission Factor Origin Codes and Names
(Primary Key: EMORIG)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | EMORIG | NUMBER | 3 | NOT NULL | Emission Factor Origin Code Range: 0 - 999 |
| 2 | EMORIGN | CHAR | 60 | NULL | Emission Factor Origin Name |

**Table DEFEXTYPE - Excess Emission Type Codes And Names
(Primary Key: EXTYPE)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | EXTYPE | NUMBER | 3 | NOT NULL | Type of Excess Emissions Code Range: 0 - 999 |
| 2 | EXTYPEN | CHAR | 60 | NULL | Type of Excess Emissions Name |

**Table DEFGROUP - Selected Group Codes and Names
(Primary Key: SELECTED_GRP)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | SELECTED_GRP | NUMBER | 2 | NOT NULL | Selected Group of Substance Code for Report |
| 2 | GRPNAME | CHAR | 80 | NULL | Descriptive Name of the Group |

**Table DEFHPDY - Daily Operating Cycle Codes and Names
(Primary Key: HPDY)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | HPDY | NUMBER | 2 | NOT NULL | Hours/day - Daily Op. Cycle Code Range: 0 - 99 |
| 2 | HPDYN | CHAR | 80 | NULL | Hours/day - Daily Op. Cycle Description |

Table DEFLOCATION – Method of Collecting Data

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTHDEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|-----------------|--------------|-------------------------------|
| 1 | LOC_METH | CHAR | 3 | NOT NULL | Collection Method Code |
| 2 | LOC_METHN | CHAR | 50 | NULL | Collection Method Description |

**Table DEFMETH - Emissions Estimation Method Codes and Names
(Primary Key: METH)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--------------------|
| 1 | METH | NUMBER | 2 | NOT NULL | Method Code |
| 2 | METHN | CHAR | 80 | NULL | Method Name |

**Table DEFNAD83 – North American Datum of 1983 Data Code
(Primary Key: NAD83_CODE)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTHDEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|-----------------|--------------|----------------------|
| 1 | NAD83_CODE | NUMBER | 1 | NOT NULL | NAD83 Data Code |
| 2 | NAME | CHAR | 80 | NULL | NAD83 Data Code Name |

**Table DEFORGCAT - Organic Category Codes
(Primary Key: ORGCAT + ORGPROF)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--|
| 1 | ORGCAT | NUMBER | 4 | NOT NULL | Organic Category Code Range: 0 - 9999 |
| 2 | ORGPROF | NUMBER | 5 | NOT NULL | Organic Profile Code Domain: Table ORGPROFILE |

**Table DEFPRORIG - Process Rate Origin Codes and Names
(Primary Key: PRORIG)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--------------------------|
| 1 | PRORIG | NUMBER | 3 | NOT NULL | Process Rate Origin Code |
| 2 | PRORIGN | CHAR | 60 | NULL | Process Rate Origin Name |

**Table DEFPRUN - Process Rate Unit Codes and Names
(Primary Key: PRUNITS)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|------------------------|
| 1 | PRUNITS | NUM | 4 | NOT NULL | Process Rate Unit Code |
| 2 | PRUN | CHAR | 30 | NULL | Process Rate Unit Name |

**Table DEFREACT - Substance Reactivity Codes
(Primary Key: DMS)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | DMS | CHAR | 8 | NOT NULL | Detailed Model Species Code Domain: Table REACT |
| 2 | SAROAD | NUMBER | 5 | NULL | Saroad Code Domain: Table POLLUTANT |
| 3 | OGID | CHAR | 8 | NULL | Organic Gas ID |
| 4 | ADDRACTDAT | DATE | 8 | NULL | Date Added to Reactivity Table |
| 5 | DRRACTDAT | DATE | 8 | NULL | Date Dropped from Reactivity Table |
| 6 | CHGRACTDAT | DATE | 8 | NULL | Date Changed on Reactivity Table |
| 7 | DELRACT | CHAR | 1 | NULL | Subst. Deleted from Reactivity Table Domain: Y - Yes N - No |

**Table DEFREASCH - Reason For Emission Change Codes and Names
(Primary Key: REASCH)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | REASCH | NUMBER | 2 | NOT NULL | Reason Emission Changed Code Range: 0 - 99 |
| 2 | REASCHN | CHAR | 80 | NULL | Reason for Change Description |

**TABLE DEFSCC3EIC - MAPPING OF SCC3 TO EIC FOR REPORTING PURPOSES
(PRIMARY KEY: SCC3 + EIC)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|-----------------------|
| 1 | SCC3 | NUMBER | 3 | NOT NULL | First 3 Digits of SCC |
| 2 | EIC | NUMBER | 14 | NOT NULL | EIC to be used |

**Table DEFWARNCODES - Warning Codes and Descriptions
(Primary Key: WARN CODE)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|-------------------------------|
| 1 | WARN_CODE | NUMBER | 3 | NOT NULL | Warning Code |
| 2 | WARN_CODEN | CHAR | 70 | NULL | Warning Code Name/Description |

Table DEVTRANS - Device Transactions
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS + DEV)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---------------------------------------|
| 1 | BATCHID | CHAR | 8 | NOT NULL | Batch ID |
| 2 | BTYPE | CHAR | 1 | NOT NULL | Batch Type: (A)rea or (P)oint |
| 3 | TRANS_ID | CHAR | 3 | NOT NULL | Transaction ID - Domain: DEV |
| 4 | ACTION | CHAR | 1 | NOT NULL | Action: (A)dd, (C)hange, or (D)elete |
| 5 | CO | NUMBER | 2 | NOT NULL | County Number |
| 6 | FACID | NUMBER | 9 | NOT NULL | Facility ID |
| 7 | AB | CHAR | 3 | NOT NULL | Air Basin |
| 8 | DIS | CHAR | 3 | NOT NULL | District |
| 9 | DEV | NUMBER | 6 | NOT NULL | Device ID |
| 10 | DEVNM | CHAR | 40 | NULL | Local Name of this Device |
| 11 | PERID | CHAR | 32 | NULL | Local Permit ID |
| 12 | NUMDEV | NUMBER | 5 | NULL | Number of Devices Represented |
| 13 | EQSIZE | NUMBER | 7 | 1 | Equipment Size |
| 14 | EQSIZE_CF | CHAR | 1 | NULL | Equipment Size Confidential Flag |
| 15 | EQUNITC | NUMBER | 5 | NULL | Equipment Size Units Code |
| 16 | DEVSUBCO | CHAR | 4 | NULL | Sub-county Indicator |
| 17 | EQTYPEC | NUMBER | 5 | NULL | Equipment Type Code |
| 18 | SECT | NUMBER | 2 | NULL | Section |
| 19 | TWNSHP | NUMBER | 2 | NULL | Township |
| 20 | TWNSHPB | CHAR | 1 | NULL | Township Base |
| 21 | RANGE | NUMBER | 2 | NULL | Range |
| 22 | RANGEB | CHAR | 1 | NULL | Range Base |
| 23 | DEVD1 | CHAR | 10 | NULL | Reserved for District Use |
| 24 | DEVD2 | CHAR | 10 | NULL | Reserved for District Use |
| 25 | DEVCAP | NUMBER | 4 | NULL | Device Output Capacity |
| 26 | MEMO_DEV | CHAR | 80 | NULL | Comments on Device Information |
| 27 | DEVU_D | DATE | 8 | NULL | Date District Last Updated |
| 28 | OPERATOR | CHAR | 3 | NULL | Operator Initials |
| 29 | TDATE | DATE | 8 | NOT NULL | Transaction Date |

**Table EIC - Emission Inventory Codes
(Primary Key: EIC)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | EIC | NUMBER | 14 | NOT NULL | Emission Inventory Code Range: 0 - 99999999999999 |
| 2 | EICSUM | NUMBER | 3 | NOT NULL | Summary Category Code Domain: Table DEFEICSUM |
| 3 | EICSUMN | CHAR | 60 | NULL | Summary Category Name |
| 4 | EICSOU | NUMBER | 3 | NOT NULL | Source Category Code Domain: Table DEFEICSOU |
| 5 | EICSOUN | CHAR | 60 | NULL | Source Category Name |
| 6 | EICMAT | NUMBER | 4 | NOT NULL | Materials Description Code Domain: Table DEFEICMAT |
| 7 | EICMATN | CHAR | 60 | NULL | Name of Material |
| 8 | EICSUB | NUMBER | 4 | NOT NULL | Emission Sub-category Code Domain: Table DEFEICSUB |
| 9 | EICSUBN | CHAR | 60 | NULL | Emission Sub-category Name |
| 10 | EIC1 | NUMBER | 1 | NOT NULL | First Digit of EIC Domain: Table DEFEIC1 |
| 11 | EIC1N | CHAR | 40 | NULL | Name of First Digit of EIC |
| 12 | DIS_UPD_AUTH | CHAR | 1 | NULL | District Authority to Update Area Source Categories Domain: A - ARB Update Only of ARB Category D - District or ARB Update of District Category B - Both ARB and District Allowed to |

Table EMSTRANS - Emission Transactions**(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS + DEV + PROID + POL)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | BATCHID | CHAR | 8 | NOT NULL | Batch ID |
| 2 | BTYPE | CHAR | 1 | NOT NULL | Batch Type: (A)rea or (P)oint |
| 3 | TRANS_ID | CHAR | 3 | NOT NULL | Transaction ID - Domain EMS |
| 4 | ACTION | CHAR | 1 | NOT NULL | Action: (A)dd, (C)hange, or (D)elete |
| 5 | CO | NUMBER | 2 | NOT NULL | County Number |
| 6 | FACID | NUMBER | 9 | NOT NULL | Facility ID |
| 7 | AB | CHAR | 3 | NOT NULL | Air Basin |
| 8 | DIS | CHAR | 3 | NOT NULL | Distircet |
| 9 | DEV | NUMBER | 6 | NOT NULL | Device ID |
| 10 | PROID | NUMBER | 14 | NOT NULL | Process ID |
| 11 | POL | NUMBER | 9 | NOT NULL | Pollutant Code |
| 12 | UEMFACT | NUMBER | 10 | NULL | Uncontrolled Emission Factor |
| 13 | CNTL1 | NUMBER | 3 | NULL | Primary Pol. Control Device Code |
| 14 | CNTL2 | NUMBER | 3 | NULL | Secondary Pol. Control Device Code |
| 15 | CNTLEFF | NUMBER | 4 | 1 | Control Efficiency (Percent) |
| 16 | EMFACT | NUMBER | 10 | NULL | Emission Factor (Lbs/SCC Units) |
| 17 | EMORIG | NUMBER | 3 | NULL | Emission Factor Origin Code |
| 18 | EMREL | NUMBER | 3 | NULL | Emission Factor Reliability |
| 19 | FRAC_1 | NUMBER | 5 | 4 | District Specified ROG or PM10 OR NOX Fraction |
| 20 | FRAC_2 | NUMBER | 5 | 4 | District Specified VOC or PM2.5 Fraction |
| 21 | EMS | NUMBER | | NOT NULL | Annual Emissions |
| 22 | HRMAXEMS | NUMBER | | NULL | Maximum Hourly Emissions |
| 23 | METH | NUMBER | 2 | NULL | Emission Calculation Method Code |
| 24 | REASCH | NUMBER | 2 | NULL | Reason Emission Changed Code |
| 25 | EXEMS | NUMBER | | NULL | Total Excess Emissions |
| 26 | UNREMS | NUMBER | 9 | 1 | Unreconciled Emissions (Tons/year) |
| 27 | POTENTIAL | NUMBER | | NULL | Potential Emissions for Districts' Use |
| 28 | EMS_FORECAST | CHAR | 1 | NULL | Pollutant Specific Forecast Indicators |
| 29 | MAINTAINED | CHAR | 1 | NULL | Flag to Indicate Whether this Emission is Agreed to |
| 30 | MEMO_EMS | CHAR | 80 | NULL | Comments on Emission Information |
| 31 | EMSUP_D | DATE | 8 | NULL | Date District Last Updated |
| 32 | OPERATOR | CHAR | 3 | NULL | Operator Initials |
| 33 | TDATE | DATE | 8 | NOT NULL | Transaction Date |

**Table EQSIZEUNIT - Equipment Size Units
(Primary Key: EQUNITC)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | EQUNITC | NUMBER | 5 | NOT NULL | Equipment Size Units Code Range: 1 - 99999 |
| 2 | EQUNITS | CHAR | 30 | NULL | Equipment Size Units |

**Table EQTYPE - Equipment Type
(Primary Key: EQTYPEC)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|----------------------------|
| 1 | EQTYPEC | NUMBER | 5 | NOT NULL | Equipment Type Code |
| 2 | EQTYPE | CHAR | 80 | NULL | Equipment Type Description |

**Table EXCTRANS - Excess Emission Transactions
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS + DEV + PROID + POL + EXTYPE
+EXQTR + EXYR)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--------------------------------------|
| 1 | BATCHID | CHAR | 8 | NOT NULL | Batch ID |
| 2 | BTYP | CHAR | 1 | NOT NULL | Batch Type: (A)rea or (P)oint |
| 3 | TRANSID | CHAR | 3 | NOT NULL | Transaction ID |
| 4 | ACTION | CHAR | 1 | NOT NULL | Action: (A)dd, (C)hange, or (D)elete |
| 5 | CO | NUMBER | 2 | NOT NULL | County Number |
| 6 | FACID | NUMBER | 9 | NOT NULL | Facility ID |
| 7 | AB | CHAR | 3 | NOT NULL | Air Basin |
| 8 | DIS | CHAR | 3 | NOT NULL | District |
| 9 | DEV | NUMBER | 6 | NOT NULL | Device ID |
| 10 | PROID | NUMBER | | NOT NULL | Process ID |
| 11 | POL | NUMBER | 9 | NOT NULL | Pollutant |
| 12 | EXTYPE | NUMBER | 3 | NOT NULL | Type of Excess Emissions Code |
| 13 | EXQTR | NUMBER | 1 | NOT NULL | Quarter of Year of Excess Emissions |
| 14 | EXYR | NUMBER | 4 | NOT NULL | Calendar Year of Excess Emissions |
| 15 | EXCESS | NUMBER | | NOT NULL | Excess Emissions |
| 16 | OPERATOR | CHAR | 3 | NULL | Operator Initials |
| 17 | TDATE | DATE | 8 | NOT NULL | Transaction Date |

Table FACTRANS - Facility Transactions
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--|
| 1 | BATCHID | CHAR | 8 | NOT NULL | Batch ID |
| 2 | BTYPE | CHAR | 1 | NOT NULL | Batch Type: (A)rea or (P)oint |
| 3 | TRANS_ID | CHAR | 3 | NOT NULL | Transaction ID - Domain FAC |
| 4 | ACTION | CHAR | 1 | NOT NULL | Action: (A)dd, (C)hange, or (D)elete |
| 5 | CO | NUMBER | 2 | NOT NULL | County Number |
| 6 | FACID | NUMBER | 9 | NOT NULL | Facility ID |
| 7 | AB | CHAR | 3 | NOT NULL | Air Basin |
| 8 | DIS | CHAR | 3 | NOT NULL | District |
| 9 | FNAME | CHAR | 60 | NULL | Name of Facility at Location |
| 10 | FSTREET | CHAR | 60 | NULL | Street Where Facility Is Located |
| 11 | FCITY | CHAR | 20 | NULL | City Where Facility Is Located |
| 12 | FZIP | CHAR | 5 | NULL | Facility Zip Code |
| 13 | FZIPEXT | CHAR | 4 | NULL | Facility Zip Code Extension |
| 14 | PCONTACT | CHAR | 24 | NULL | Phone Contact Person |
| 15 | AREAC | NUMBER | 3 | NULL | Telephone Area Code |
| 16 | PHONE | NUMBER | 7 | NULL | Telephone Number |
| 17 | FSIC | NUMBER | 4 | NOT NULL | Facility SIC |
| 18 | NEMP | NUMBER | 5 | NULL | Number of Employees |
| 19 | MNAME | CHAR | 60 | NULL | Company Name for Mailing Purpose |
| 20 | MSTREET | CHAR | 60 | NULL | Company Mailing Street |
| 21 | MCITY | CHAR | 20 | NULL | Company Mailing City |
| 22 | MSTATE | CHAR | 2 | NULL | Company Mailing State |
| 23 | MZIP | CHAR | 5 | NULL | Mail Zip Code |
| 24 | MZIPEXT | CHAR | 4 | NULL | Mail Zip Code Extension |
| 25 | MCONTACT | CHAR | 24 | NULL | Mail Contact Person |
| 26 | FCC | NUMBER | 5 | NULL | Facility City Code |
| 27 | AQCR | NUMBER | 2 | NULL | EPA Air Quality Control Region |
| 28 | FACSUBCO | CHAR | 4 | NULL | Facility Sub-county Identifier |
| 29 | CODESIG | CHAR | 1 | NULL | Area Designation for CO |
| 30 | N02DESIG | CHAR | 1 | NULL | Area Designation for N0 ₂ |
| 31 | OZDESIG | CHAR | 1 | NULL | Area Designation for Ozone |
| 32 | PMDESIG | CHAR | 1 | NULL | Area Designation for Particulate |
| 33 | S02DESIG | CHAR | 1 | NULL | Area Designation for S0 ₂ |
| 34 | FAC_PHASE | CHAR | 2 | NULL | Phase Facility Brought into Program |
| 35 | FAC_STATUS | CHAR | 1 | NULL | Toxic Program Status |
| 36 | FAC_FORECAST | CHAR | 1 | NULL | Fac. Used for Forecasting Purposes |
| 37 | PRIORITY | CHAR | 1 | NULL | Priority for Risk Assessment |
| 38 | INDUSTRYWIDE | CHAR | 1 | NULL | NULL Included in Industry Wide |
| 39 | FACD1 | CHAR | 9 | NULL | Reserved for District Use |
| 40 | FACD2 | CHAR | 9 | NULL | Reserved for District Use |
| 41 | FRS_ID | CHAR | 12 | NULL | EPA Facility Registry System Identification |
| 42 | NAICS | NUMBER | 6 | NULL | Facility North American Industry Classification |
| 43 | COORD_SYS | CHAR | 3 | NULL | Coordinate System Use |
| 44 | DATUM | CHAR5 | 5 | NULL | Type of Datum Used |

Table FACTRANS - Facility Transactions (Cont.)
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS)

| COL | COL NAME | COL TYPE | WIDTH DEC | NULLS | DESCRIPTION |
|-----|-------------|----------|-----------|----------|--|
| 45 | SPHEROID | CHAR | 10 | NULL | Shape Used for Ellipsoidal Earth |
| 46 | X_USERCOORD | NUMBER | 7 | NULL | X Coordinate |
| 47 | Y_USERCOORD | NUMBER | 8 | NULL | Y Coordinate |
| 48 | LOC_METH | CHAR | 3 | NULL | Method of Collecting Data |
| 49 | SMALL_COMM | CHAR | 1 | NULL | Is Facility a Small Commercial or Aggregated |
| 50 | FAC_UPDATE | CHAR | 3 | NULL | Updating Code |
| 51 | CHAPIS | CHAR | 1 | NULL | CHAPIS Facility |
| 52 | MEMO_FAC | CHAR | 80 | NULL | Comments on Facility |
| 53 | FACU_D | DATE | 8 | NULL | Date District Last Updated |
| 54 | OPERATOR | CHAR | 3 | NULL | Operator Initials |
| 55 | TDATE | DATE | 8 | NOT NULL | Transaction Date |

Table FAC_RISK - Facility Risk Transactions
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS)

| COL | COL NAME | COL TYPE | WIDTHDEC | NULLS | DESCRIPTION | |
|-----|---------------|----------|----------|----------|--------------------------------------|--|
| 1 | BATCHID | CHAR | 8 | NOT NULL | Batch ID | |
| 2 | BTYPE | CHAR | 1 | NOT NULL | Batch Type: (A)rea or (P)oint | |
| 3 | TRANS_ID | CHAR | 3 | NOT NULL | Transaction ID - Domain RSK | |
| 4 | ACTION | CHAR | 1 | NOT NULL | Action: (A)dd, (C)hange, or (D)elete | |
| 5 | CO | NUMBER | 2 | NOT NULL | County Number | |
| 6 | FACID | NUMBER | 9 | NOT NULL | Facility ID | |
| 7 | AB | CHAR | 3 | NOT NULL | Air Basin | |
| 8 | DIS | CHAR | 3 | NOT NULL | District | |
| 9 | VINTAGE_EMS | NUMBER | 4 | NULL | Year of Emissions Data | |
| 10 | VINTAGE_RISK | NUMBER | 4 | NULL | Year of Risk Data | |
| 11 | PROXIMITY | NUMBER | 9 | 2 | NULL | Receptor Proximity, meters |
| 12 | CANCEREPP | NUMBER | 6 | 2 | NULL | Cancer Priority Score, Emissions and Potency Procedure |
| 13 | NONCANCEREPP | NUMBER | 6 | 2 | NULL | Non-cancer Priority Score, Emissions and Potency Procedure |
| 14 | ACUTEEPP | NUMBER | 6 | 2 | NULL | Acute Priority Score, Emissions and Potency Procedure |
| 15 | CHRONICEPP | NUMBER | 6 | 2 | NULL | Chronic Priority Score, Emissions and Potency Procedure |
| 16 | CANCERDAP | NUMBER | 6 | 2 | NULL | Cancer Priority Score, Dispersion Adjustment Procedure |
| 17 | NONCANCERDAP | NUMBER | 6 | 2 | NULL | Non-cancer Priority Score, Dispersion Adjustment Procedure |
| 18 | ACUTEDAP | NUMBER | 6 | 2 | NULL | Acute Priority Score, Dispersion Adjustment Procedure |
| 19 | CHRONICDAP | NUMBER | 6 | 2 | NULL | Chronic Priority Score, Dispersion Adjustment Procedure |
| 20 | TS | NUMBER | 6 | 2 | NULL | Total Priority Score |
| 21 | PRIORITY_MULT | NUMBER | 6 | 2 | NULL | Priority Multiplier |
| 22 | HRA_CAN | NUMBER | 7 | 2 | NULL | Health Risk Assessment Cancer Risk |
| 23 | CHRONIC_HI | NUMBER | 7 | 2 | NULL | Chronic Hazard Index |
| 24 | ACUTE_HI | NUMBER | 7 | 2 | NULL | Acute Hazard Index |

Table FRACTION - Fraction Information
(Primary Key: SCC + YEAR + AB + CO + DIS)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--|
| 1 | SCC | NUMBER | 14 | NOT NULL | SCC or EIC Code Domain: Table SCC |
| 2 | YEAR | NUM | 4 | NOT NULL | Four Digit Year |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin ID Domain: Table COABDIS |
| 4 | CO | NUM | 2 | NOT NULL | County ID Domain: Table COABDIS |
| 5 | DIS | CHAR | 3 | NOT NULL | District ID Domain: Table COABDIS |
| 6 | PMPROF | NUMBER | 5 | NULL | Particulate Matter Profile Code Domain: Table PMPROFILE |
| 7 | FRPM2_5 | NUMBER | 5 4 | NULL | Fraction Particulate LE 2.5 Microns Range: 0 - 1.0000 |
| 8 | FRPM10 | NUMBER | 5 4 | NULL | Fraction Particulate LE 10 Microns Range: 0- 1.0000 |
| 9 | ORGPROF | NUMBER | 5 | NULL | Organic Profile Code Domain: Table ORGPROFILE |
| 10 | FROG | NUMBER | 5 4 | NULL | Fraction Reactive Organic Gas Range: 0- 1.0000 |
| 11 | FRVOC | NUMBER | 5 4 | NULL | Fraction Volatile Organic Compounds Range: 0- 1.0000 |
| 12 | PMPROFU | DATE | 8 | NULL | Date and Time of Last PM Profile Update |
| 13 | ORGPROFU | DATE | 8 | NULL | Date and Time of Last Organic Profile Update |
| 14 | FRACU | DATE | 8 | NULL | Data and Time of Last ARB Fractions Update |

Table MV_SEASON_EMS - Motor Vehicle Seasonal Emissions
(Primary Key: YEAR + SEASON + CO + AB + DIS + PROID + POL)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--|
| 1 | YEAR | NUMBER | 4 | NOT NULL | Inventory Year |
| 2 | SEASON | CHAR | 1 | NOT NULL | Season Domain: S - Summer W - Winter |
| 3 | CO | NUMBER | 2 | NOT NULL | County Number Domain: Table COABDIS |
| 4 | AB | CHAR | 3 | NOT NULL | Air Basin Domain: Table COABDIS |
| 5 | DIS | CHAR | 3 | NOT NULL | District Domain: Table COABDIS |
| 6 | PROID | NUMBER | 14 | NOT NULL | Process ID |
| 7 | PR | NUMBER | | NULL | Process Rate |
| 8 | POL | NUMBER | 9 | NOT NULL | Pollutant Code Domain: Table POLLUTANT |
| 9 | EMFACT | NUMBER | | NULL | Emission Factor (lbs/SCC Units) |
| 10 | ARBFR1 | NUMBER | 5 4 | NULL | Defaulted ROG or PM10 or NOX Frac |
| 11 | ARBFR2 | NUMBER | 5 4 | NULL | Defaulted VOC or PM2.5 Fraction |
| 12 | EMS | NUMBER | | NOT NULL | Seasonal Daily Emissions |
| 13 | MV_EMSSU | DATE | | NULL | Date and Time of Last Update |

**Table NAICS – North American Industrial Classification Code
(Primary Key: NAICS)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTHDEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|-----------------|--------------|---|
| 1 | NAICS | CHAR | 6 | NOT NULL | North American Industrial Classification |
| 2 | NAICS2 | CHAR | 2 | NULL | First Two Digits of NAICS Range: 0 - 99 |
| 3 | NAICS3 | CHAR | 3 | NULL | First Three Digits of NAICS Range: 0 - 999 |
| 4 | NAICS4 | CHAR | 4 | NULL | First Four Digits of NAICS Range: 0 - 9999 |
| 5 | NAICS5 | CHAR | 5 | NULL | First Five Digits of NAICS Range: 0 - 99999 |
| 6 | NAICSU | DATE | 8 | NULL | Date and Time of Last Update |
| 7 | NAICSN | CHAR | 80 | NULL | Short NAICS Name |
| 8 | NAICS2N | CHAR | 80 | NULL | Name of First 2 NAICS Digits - Sector |
| 9 | NAICS3N | CHAR | 80 | NULL | Name of First 3 NAICS Digits - Sub-Sector |
| 10 | NAICS4N | CHAR | 80 | NULL | Name of First 4 NAICS Digits - Industry Group |
| 11 | NAICS5N | CHAR | 80 | NULL | Name of First 5 NAICS Digits - Industry |
| 12 | NAICS6N | CHAR | 80 | NULL | Name of All 6 NAICS Digits - U.S. Industry |
| 13 | NAICSCRE | DATE | 8 | NULL | Date NAICS Was Created |
| 14 | NAICSDEL | | 8 | NULL | Date NAICS Was Deleted |
| 15 | DELNAICS | | 1 | NULL | NAICS Deleted Range: D - Deleted Null - Not Deleted |

**Table ORGPROFILE - Organic Gas Profile Data and Names
(Primary Key: ORGPROF + SAROAD)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--|
| 1 | ORGPROF | NUMBER | 5 | NOT NULL | Organic Profile Code Range: 0 - 99999 |
| 2 | SAROAD | NUMBER | 5 | NOT NULL | Saroad Chemical Code Domain: Table POLLUTANT |
| 3 | ORGFRAC | NUMBER | 5 | 4 | Organic Weight Fraction Profiles Range: 0- 1.0000 |
| 4 | ORGPROFN | CHAR | 72 | NULL | Organic Profile Name |
| 5 | TOGTHC | NUMBER | 1 | NULL | TOG or THC Domain: 0 - TOG 1 - THC |

**Table OXFRAC - Oxide Fractions
(Primary Key: ORGPROF)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | ORGPROF | NUMBER | 5 | NOT NULL | Organic Profile Code Domain: Table ORGPROFILE |
| 2 | NOXNO | NUMBER | 3 | 2 | NO _x to NO Fraction Range: 0- 1.00 |
| 3 | NOXN02 | NUMBER | 3 | 2 | NO _x to N ₂ O Fraction |
| 4 | SOXS02 | NUMBER | 3 | 2 | SO _x TO S ₂ O ₅ Fraction Range: 0- 1.00 |
| 5 | SOXS03 | NUMBER | 3 | 2 | SO _x TO S ₃ O ₄ Fraction |

**Table PMCHEMPROFILE - PM Chemical Weight Fractions by Size
(Primary Key: PMPROF + SAROAD)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | PMPROF | NUMBER | 5 | NOT NULL | Particulate Matter Profile Code Domain: Table PMPROFILE |
| 2 | SAROAD | NUMBER | 5 | NOT NULL | SAROAD Code Domain: Table POLLUTANT\ |
| 3 | SPECIES | CHAR | 6 | NULL | Chemical Species |
| 4 | CFLT1 | NUMBER | 7 | 6 | Chem. Weight Frac. PM < 1 Micron Range: 0- 1.000000 |
| 5 | CF1_2NHF | NUMBER | 7 | 6 | Chem. Weight Frac. PM 1 -2.5 Micron Range: 0- 1.000000 |
| 6 | CFLT2NHF | NUMBER | 7 | 6 | Chem. Weight Frac. PM < 2.5 Micro Range: 0- 1.000000 |
| 7 | CF2NHF_10 | NUMBER | 7 | 6 | Chem. Weight Frac. PM 2.5 - 10 Micron Range: 0- 1.000000 |
| 8 | CFLT10 | NUMBER | 7 | 6 | Chem. Weight Frac. PM < 10 Micron Range: 0- 1.000000 |
| 9 | CFGT10 | NUMBER | 7 | 6 | Chem. Weight Frac. PM > 10 Micron Range: 0- 1.000000 |
| 10 | CFTOTAL | NUMBER | 7 | 6 | Total Chemical Weight Fraction Range: 0- 1.000000 |

**Table PMSIZEPROFILE - Particulate Matter Profile Codes and Names
(Primary Key: PMPROF)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | PMPROF | NUMBER | 5 | NOT NULL | Particulate Matter Profile Code Range: 0 - 9999 |
| 2 | PMPROFN | CHAR | 30 | NULL | Particulate Matter Profile Name |
| 3 | PMLT1 | NUMBER | 5 | 4 | Weight Fraction PM <1 Micron Range: 0- 1.0000 |
| 4 | PM1_2NHF | NUMBER | 5 | 4 | Weight Frac. PM 1 - 2.5 Micron Range: 0- 1.0000 |
| 5 | PMLT2NHF | NUMBER | 5 | 4 | Weight Frac. PM <2.5 Micron Range: 0- 1.0000 |
| 6 | PM2NHF_10 | NUMBER | 5 | 4 | Weight Frac. PM 2.5 - 10 Micron Range: 0- 1.0000 |
| 7 | PMLT10 | NUMBER | 5 | 4 | Weight Frac. PM < 10 Micron Range: 0- 1.0000 |
| 8 | PMGT10 | NUMBER | 5 | 4 | Weight Frac. PM >10 Micron Range: 0- 1.0000 |

Table PROPTTRANS – Property Transaction
(Primary Key: BATCHID + BTYPE + TRANS_ID + CO + FACID + AB + DIS + ID)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTHDEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|-----------------|--------------|---------------------------------------|
| 1 | BATCHID | CHAR | 8 | NOT NULL | Batch ID |
| 2 | BTYPe | CHAR | 1 | NOT NULL | Batch Type: (P)oint |
| 3 | TRANS_ID | CHAR | 3 | NOT NULL | Transaction ID - Domain PRT |
| 4 | ACTION | CHAR | 1 | NOT NULL | Action: A(dd), (C)hange, or (D)elete |
| 5 | CO | NUMBER | 2 | NOT NULL | County Number |
| 6 | FACID | NUMBER | 9 | NOT NULL | Facility ID |
| 7 | AB | CHAR | 3 | NOT NULL | Air Basin |
| 8 | DIS | CHAR | 3 | NOT NULL | District |
| 9 | ID | NUMBER | 5 | NOT NULL | Property ID |
| 10 | DESCRIPTION | CHAR | 80 | NULL | Property Description |
| 11 | NPTS | NUMBER | 5 | NULL | Number of Vertex Points |
| 12 | ISDEFAULT | CHAR | 1 | NULL | Is the Property Information Defaulted |
| 13 | OPERATOR | CHAR | 3 | NULL | Operator Initials |
| 14 | TDATE | DATE | 8 | NOT NULL | Transaction Date |

Table PROPPTRANS – Property Data Transaction
(Primary Key: BATCHID + BTYPE + TRANS_ID + CO + FACID + AB + DIS + ID)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTHDEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> | |
|------------|-----------------|-----------------|-----------------|--------------|--------------------------------------|--|
| 1 | BATCHID | CHAR | 8 | NOT NULL | Batch ID | |
| 2 | BTYPe | CHAR | 1 | NOT NULL | Batch Type: (P)oint | |
| 3 | TRANS_ID | CHAR | 3 | NOT NULL | Transaction ID - Domain PRP | |
| 4 | ACTION | CHAR | 1 | NOT NULL | Action: A(dd), C(hange), or D(elete) | |
| 5 | CO | NUMBER | 2 | NOT NULL | County Number | |
| 6 | FACID | NUMBER | 9 | NOT NULL | Facility ID | |
| 7 | AB | CHAR | 3 | NOT NULL | Air Basin | |
| 7 | DIS | CHAR | 3 | NOT NULL | District | |
| 8 | ID | NUMBER | 5 | NOT NULL | Property ID | |
| 9 | POINTID | NUMBER | 5 | NOT NULL | Vertex Point ID | |
| 10 | PLOTORDER | NUMBER | 5 | NULL | Plot Order | |
| 11 | UTME | NUMBER | 9 | 2 | NULL | UTM East Offset in Meters, Relative to Facility |
| 12 | UTMN | NUMBER | 9 | 2 | NULL | UTM North Offset in Meters, Relative to Facility |
| 13 | ELEVATION | NUMBER | 7 | 2 | NULL | Elevation, feet |
| 15 | OPERATOR | CHAR | 3 | NULL | Operator Initials | |
| 16 | TDATE | DATE | 8 | NOT NULL | Transaction Date | |

Table PROTRANS - Process Transactions
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS + DEV + PROID)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--------------------------------------|
| 1 | BATCHID | CHAR | 8 | NOT NULL | Batch ID |
| 2 | BTYPe | CHAR | 1 | NOT NULL | Batch Type: (A)rea or (P)oint |
| 3 | TRANS_ID | CHAR | 3 | NOT NULL | Transaction ID - Domain PRO |
| 4 | ACTION | CHAR | 1 | NOT NULL | Action: (A)dd, (C)hange, or (D)elete |
| 5 | CO | NUMBER | 2 | NOT NULL | County Number |
| 6 | FACID | NUMBER | 9 | NOT NULL | Facility ID |

Table PROTRANS - Process Transactions (Cont.)
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS + DEV + PROID)

| COL | COL NAME | COL TYPE | WIDTHDEC | NULLS | DESCRIPTION | |
|------------|-----------------|-----------------|-----------------|--------------|--|-------------------------------|
| 7 | AB | CHAR | 3 | NOT NULL | Air Basin | |
| 8 | DIS | CHAR | 3 | NOT NULL | District | |
| 9 | DEV | NUMBER | 6 | NOT NULL | Device ID | |
| 10 | PROID | NUMBER | 14 | NOT NULL | Process ID ¹ | |
| 11 | PRDESC | CHAR | 60 | NULL | Process Description | |
| 12 | SCC | NUMBER | 14 | NOT NULL | SCC or EIC ² | |
| 13 | SIC | NUMBER | 14 | NULL | Standard Indust. Class or EIC ³ | |
| 14 | PR | NUMBER | 11 | NULL | Process Rate in SCC Units | |
| 15 | PRUNITS | NUMBER | 4 | NULL | Process Rate Unit Code | |
| 16 | UPR | NUMBER | 12 | 1 | NULL | Unreconciled Process Rate |
| 17 | MAXHR_PR | NUMBER | 9 | NULL | Maximum Hourly Process Rate | |
| 18 | MAXD | NUMBER | 9 | 3 | NULL | Maximum Design Rate |
| 19 | S | NUMBER | 3 | 2 | NULL | Percent Fuel Sulfur Content |
| 20 | PRORIG | NUMBER | 3 | NULL | Process Rate Origin Code | |
| 21 | PRREL | NUMBER | 3 | NULL | Process Rate Reliability | |
| 22 | STK | NUMBER | 6 | NULL | Stack ID | |
| 23 | HPDY | NUMBER | 2 | NULL | Operating Hours per Day Daily | |
| 24 | DPWK | NUMBER | 2 | NULL | Operating Days per Week | |
| 25 | WPYR | NUMBER | 2 | NULL | Operating Weeks per Year | |
| 26 | YREST | NUMBER | 4 | NULL | Year of Process/Emission Estimate Made | |
| 27 | PROD1 | CHAR | 40 | NULL | Reserved for District Use | |
| 28 | PROD2 | CHAR | 40 | NULL | Reserved for District Use | |
| 29 | PR_FORECAST | CHAR | 1 | NULL | Process Specific Forecast Indicator | |
| 30 | CONF | CHAR | 1 | NULL | Confidential Process Data | |
| 31 | JANT | NUMBER | 4 | 1 | NULL | Percent Activity for January |
| 32 | FEBT | NUMBER | 4 | 1 | NULL | Percent Activity for February |
| 33 | MART | NUMBER | 4 | 1 | NULL | Percent Activity for March |
| 34 | APRT | NUMBER | 4 | 1 | NULL | Percent Activity for April |
| 35 | MAYT | NUMBER | 4 | 1 | NULL | Percent Activity for May |
| 36 | JUNT | NUMBER | 4 | 1 | NULL | Percent Activity for June |
| 37 | JULT | NUMBER | 4 | 1 | NULL | Percent Activity for July |
| 38 | AUGT | NUMBER | 4 | 1 | NULL | Percent Activity for August |
| 39 | SEPT | NUMBER | 4 | 1 | NULL | Percent Activity for Sept. |
| 40 | OCTT | NUMBER | 4 | 1 | NULL | Percent Activity for October |
| 41 | NOVT | NUMBER | 4 | 1 | NULL | Percent Activity for November |
| 42 | DECT | NUMBER | 4 | 1 | NULL | Percent Activity for Dec. |
| 43 | SPATIAL | CHAR | 8 | NULL | Spatial Distribution Parameter | |
| 44 | SEST | CHAR | 6 | NULL | Agency Making Area Estimate | |
| 45 | NAICS | CHAR | 6 | NULL | NAICS Code | |
| 46 | OUTPUT | NUMBER | 11 | NULL | Process Rate Output | |
| 47 | MEMO_PR | CHAR | 80 | NULL | Process Information Memo | |
| 48 | PRUP_D | DATE | 8 | NULL | Date District Last Updated | |
| 49 | OPERATOR | CHAR | 10 | NULL | Operator Initials | |
| 50 | TDATE | DATE | 8 | NOT NULL | Transaction Date | |

¹ A maximum of two digits are used for point source

² Use eight digit codes for SCC and 14 digit codes for EIC

**Table REACT - Substance Reactivity Descriptions
(Primary Key: DMS)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | DMS | CHAR | 8 | NOT NULL | Detailed Model Species Code |
| 2 | OGID | CHAR | 8 | NULL | Organic Gas ID |
| 3 | MIR | NUMBER | 6 | 4 | Maximum Incremental Reactivity (gm O ₃ /gm ROG) RANGE: 0 - 99.9999 |
| 4 | MOR | NUMBER | 6 | 4 | Maximum Ozone Reactivity (gm O ₃ /gm ROG) Range: 0 - 99.9999 |

**Table REACTCLAS - Chemical Reactive Class and Rate Constants
(Primary Key: SAROAD)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | SAROAD | NUMBER | 5 | NOT NULL | SAROAD Chemical Code Domain: Table POLLUTANT |
| 2 | ARBREACT | NUMBER | 1 | NULL | ARB Reactive Class Domain: 1 - ROG 2 - Non-ROG |
| 3 | EPAREACT | NUMBER | 1 | NULL | Epa Reactive Class Domain: 1 - VOC 2 - NON-VOC |
| 4 | O_RATE | NUMBER | 15 | 8 | Oxygen Rate Constant Range: 0-9999999.99999999 |
| 5 | OH_RATE | NUMBER | 15 | 8 | OH Rate Constant Range: 0-9999999.99999999 |
| 6 | O3_RATE | NUMBER | 15 | 8 | O ₃ Rate Constant Range: 0-9999999.99999999 |

**Table RECEPTRANS – Receptor Transaction
(Primary Key: BATCHID + BTYPE + TRANS_ID + RECID + CO + AB + DIS)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTHDEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> | |
|------------|-----------------|-----------------|-----------------|--------------|--------------------------------------|---------------------|
| 1 | BATCHID | CHAR | 8 | NOT NULL | Batch ID | |
| 2 | BTYPE | CHAR | 1 | NOT NULL | Batch Type: (P)oint | |
| 3 | TRANS_ID | CHAR | 3 | NOT NULL | Transaction ID - Domain RCP | |
| 4 | ACTION | CHAR | 1 | NOT NULL | Action: A(dd), C(hange), or D(elete) | |
| 5 | RECID | NUMBER | 10 | NOT NULL | Receptor ID | |
| 6 | CO | NUMBER | 2 | NOT NULL | County Number | |
| 7 | AB | CHAR | 3 | NOT NULL | Air Basin | |
| 8 | DIS | CHAR | 3 | NOT NULL | District | |
| 9 | RECGROUP | CHAR | 8 | NULL | Receptor Group | |
| 10 | RECTYPE | CHAR | 50 | NULL | Receptor Type | |
| 11 | UZ | NUMBER | 3 | NULL | UTM Zone | |
| 12 | UE | NUMBER | 9 | 2 | NULL | UTM East in Meters |
| 13 | UN | NUMBER | 9 | 2 | NULL | UTM North in Meters |
| 15 | OPERATOR | CHAR | 3 | NULL | Operator Initials | |
| 16 | TDATE | DATE | 8 | NOT NULL | Transaction Date | |

Table SCC - Source Classification Codes
(Primary Key: SCC)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--|
| 1 | SCC | NUMBER | 14 | NOT NULL | Source Classification Code or Range: 0 - 99999999999999 |
| 2 | SCC3 | NUMBER | 3 | NULL | First Three Digits of SCC Range: 0 - 999 |
| 3 | SCC6 | NUMBER | 6 | NULL | First Six Digits of SCC Range: 0-999999 |
| 4 | COE | NUMBER | 9 4 | NULL | CO Emission Factor (Lbs/Unit) Range: 0-99999.9999 |
| 5 | NOXE | NUMBER | 9 4 | NULL | NOX Emission Factor (Lbs/Unit) Range: 0 - 99999.9999 |
| 6 | SOXE | NUMBER | 9 4 | NULL | SOX Emission Factor (Lbs/Unit) Range: 0 - 99999.9999 |
| 7 | VOCE | NUMBER | 10 4 | NULL | VOC Emission Factor (Lbs/Unit) Range: 0 - 9999999.9999 |
| 8 | PME | NUMBER | 9 4 | NULL | PM Emission Factor (Lbs/unit) Range: 0 - 99999.9999 |
| | | | | | Domain: Table DEFEAM |
| 9 | SCCIN | CHAR | 20 | NULL | Name of First SCC Digit |
| 10 | SCC3N | CHAR | 20 | NULL | Name of First 3 SCC Digits |
| 11 | SCC6N | CHAR | 20 | NULL | Name of First 6 SCC Digits |
| 12 | SCC8N | CHAR | 20 | NULL | Name of All 8 SCC Digits |
| 13 | SCCD | CHAR | 11 | NULL | SCC Code with Dashes Inserted Range: 0-00-000-00 - 9-99-999-99 |
| 14 | SCCUN | CHAR | 25 | NULL | SCC Units |
| 15 | RESPAG | CHAR | 1 | NULL | Agency Responsible for Area Estimate Domain: A - ARB D - District |
| 16 | SCCU | DATE | 8 | NULL | Date and Time of Last Update |
| 17 | SCCCRE | DATE | 8 | NULL | Date SCC Was Created by EPA |
| 18 | SCCDEL | DATE | 8 | NULL | Date SCC Was Deleted by EPA |
| 19 | DELSCC | CHAR | 1 | NULL | SCC Deleted by EPA Domain: D - Deleted Null - Not Deleted |

**Table SIC - Standard Industrial Classification
(Primary Key: SIC)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | SIC | NUMBER | 14 | NOT NULL | Standard Industrial Classification Code or Emission |
| 2 | SIC2 | NUMBER | 2 | NULL | First Two Digits of SIC Range: 0 - 99 |
| 3 | SIC3 | NUMBER | 3 | NULL | First Three Digits of SIC Range: 0 - 999 |
| 4 | SICU | DATE | 8 | NULL | Date and Time of Last Update |
| 5 | SICN | CHAR | 30 | NULL | Short SIC Name |
| 6 | SIC2N | CHAR | 30 | NULL | Name of First 2 SIC Digits |
| 7 | SIC3N | CHAR | 30 | NULL | Name of First 3 SIC Digits |
| 8 | SIC4N | CHAR | 30 | NULL | Name of All 4 SIC Digits |
| 9 | SICCRE | DATE | 8 | NULL | Date SIC Was Created |
| 10 | SICDEL | DATE | 8 | NULL | Date SIC Was Deleted |
| 11 | DELSIC | CHAR | 1 | NULL | SIC Deleted Range: D - Deleted Null - Not Deleted |

**Table STKTRANS - Stack Transactions
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS + STK)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | BATCHID | CHAR | 8 | NOT NULL | Batch ID |
| 2 | BTYP | CHAR | 1 | NOT NULL | Batch Type: (A)rea or (P)oint |
| 3 | TRANS_ID | CHAR | 3 | NOT NULL | Transaction ID - Domain STK |
| 4 | ACTION | CHAR | 1 | NOT NULL | Action: (A)dd, (C)hange, or (D)elete |
| 5 | CO | NUMBER | 2 | NOT NULL | County Number |
| 6 | FACID | NUMBER | 9 | NOT NULL | Facility ID |
| 7 | AB | CHAR | 3 | NOT NULL | Air Basin |
| 8 | DIS | CHAR | 3 | NOT NULL | District |
| 9 | STK | NUMBER | 6 | NOT NULL | Stack ID |
| 10 | STKHT | NUMBER | 4 | NULL | Stack Height (Feet) |
| 11 | STKDIAM | NUMBER | 4 | 1 | Stack Diameter at Exit(feet) |
| 12 | GT | NUMBER | 4 | NULL | Actual Gas Temp at Exit (Deg F) |
| 13 | GF | NUMBER | 8 | NULL | Actual Gas Flow (CFM) |
| 14 | GV | NUMBER | 6 | NULL | Actual Gas Velocity at Exit (Ft/min) |
| 15 | STKNAME | CHAR | 60 | NULL | Stack Name |
| 16 | COORD_SYS | CHAR | 15 | NULL | Coordinate System Use |
| 17 | DATUM | CHAR | 5 | NULL | Type of Datum Used |
| 18 | SPHEROID | CHAR | 10 | NULL | Shape Used for Ellipsoidal Earth |
| 19 | X_USERCOORD | NUMBER | 6 | NULL | X Coordinate |
| 20 | Y_USERCOORD | NUMBER | 7 | NULL | Y Coordinate |
| 21 | ELEV | NUMBER | 8 | NULL | Elevation in Feet |
| 22 | SRCTYP | CHAR | 7 | NOT NULL | Type of Release |
| 23 | SYINIT | NUMBER | 9 | 3 | Initial Lateral Dimension of Volume Release, feet |

Table STKTRANS - Stack Transactions (Cont.)
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS + STK)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH</u> | <u>DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|--------------|------------|--------------|--|
| 24 | SZINIT | NUMBER | 9 | 3 | NULL | Initial Vertical Dimension of Volume or Area Release (Optional for Area), feet |
| 25 | XINIT | NUMBER | 9 | 3 | NULL | Square Length or Rec. Side of Area Release, feet |
| 29 | YINIT | NUMBER | 9 | 3 | NULL | Rectangular Side of Area or Open Pit Release (Optional for Area), feet |
| 26 | ANGLE | NUMBER | 5 | 2 | NULL | Angle of Area or Open Pit Source, degree (Optional) |
| 27 | PITVOL | NUMBER | 15 | 2 | NULL | Volume of Open Pit Source, ft ³ |
| 28 | ISDEFAULT | CHAR | 1 | | NULL | Flag to indicate Stack Data are default |
| 29 | MEMO_STK | CHAR | 80 | | NULL | Comments on Stack Information |
| 30 | STKU_D | DATE | 8 | | NULL | Date Stack Last Updated |
| 31 | OPERATOR | CHAR | 3 | | NULL | Operator Initials |
| 32 | TDATE | DATE | 8 | | NOT NULL | Transaction Date |

Table SUBCO - Sub-county Identification
(Primary Key: CO + SUBCO)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH</u> | <u>DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|--------------|------------|--------------|--|
| I | CO | NUMBER | 2 | | NOT NULL | County Number Domain: Table COABDIS |
| 2 | SUBCO | CHAR | 4 | | NOT NULL | Sub-county Indicator |

Table SUPTRANS - Supplemental Uses and Production Transaction
(Primary Key: CO + FACID + AB + DIS + POL)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH</u> | <u>DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|--------------|------------|--------------|--------------------------------------|
| 1 | BATCHID | CHAR | 8 | | NOT NULL | Batch ID |
| 2 | BTYP | CHAR | 1 | | NOT NULL | Batchtype: (A)rea or (P)oint |
| 3 | TRANS_ID | CHAR | 3 | | NOT NULL | Transaction ID - Domain SUP |
| 4 | ACTION | CHAR | 1 | | NOT NULL | Action: (A)dd, (C)hange, or (D)elete |
| 5 | CO | NUMBER | 2 | | NOT NULL | County Number |
| 6 | FACID | NUMBER | 9 | | NOT NULL | Facility ID |
| 7 | AB | CHAR | 3 | | NOT NULL | Air Basin |
| 8 | DIS | CHAR | 3 | | NOT NULL | District |
| 9 | POL | NUMBER | 9 | | NOT NULL | Pollutant ID |
| 10 | USED | CHAR | 1 | | NULL | Is this Substance Used? |
| 11 | PRODUCED | CHAR | 1 | | NULL | Is this Substance Produced? |
| 12 | PRESENT | CHAR | 1 | | NULL | Is this Subst. Otherwise Present? |
| 13 | HOW_PRESENT | CHAR | 39 | | NULL | How Substances Is Otherwise Present? |
| 14 | OPERATOR | CHAR | 3 | | NULL | Operator Initials |
| 15 | TDATE | DATE | 8 | | NOT NULL | Transaction Date |

**Table UTMNORTH - UTM North Coordinates
(Primary Key: UZ + CO + AB + DIS)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--|
| 1 | UZ | NUMBER | 2 | NOT NULL | UTM Zone Range: 10 - 11 |
| 2 | CO | NUMBER | 2 | NOT NULL | County Number Domain: Table COABDIS |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin Domain: Table COABDIS |
| 4 | DIS | CHAR | 3 | NOT NULL | District Domain: Table COABDIS |
| 5 | MINUN | NUMBER | 7 3 | NULL | Minimum UTM North - Coordinates Range: 3600 - 4660 Kilometers |
| 6 | MAXUN | NUMBER | 7 3 | NULL | Maximum UTM North - Coordinates Range: 3600 - 4660 Kilometers |

**Table UTMEAST - UTM East Coordinates
(Primary Key: UZ + CO + AB + DIS)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|---|
| 1 | UZ | NUMBER | 2 | NOT NULL | UTM Zone Range: 10- 11 |
| 2 | CO | NUMBER | 2 | NOT NULL | County Number Domain: Table COABDIS |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin Domain: Table COABDIS |
| 4 | DIS | CHAR | 3 | NOT NULL | District Domain: Table COABDIS |
| 5 | MINUE | NUMBER | 6 3 | NULL | Minimum UTM East Coordinates Range: 220 - 770 Kilometers |
| 6 | MAXUE | NUMBER | 6 3 | NULL | Maximum UTM East Coordinates Range: 220 - 770 Kilometers |

**Table STAFF - ARB and District Staff
(Primary Key: STAFF)**

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--------------------|
| 1 | STAFF | CHAR | 10 | NOT NULL | Oracle USERID |
| 2 | NAME | CHAR | 30 | NULL | Person |
| 3 | TELEPHONE | CHAR | 25 | NULL | Telephone Number |
| 4 | DIS | CHAR | 3 | NULL | ARB or District ID |

Table UPD_WARN_LOG - Update Warning Log
(Primary Key: CO + FACID + AB + DEV + PROID + POL + WARNUP)

| <u>COL</u> | <u>COL NAME</u> | <u>COL TYPE</u> | <u>WIDTH DEC</u> | <u>NULLS</u> | <u>DESCRIPTION</u> |
|------------|-----------------|-----------------|------------------|--------------|--|
| 1 | CO | NUMBER | 2 | NOT NULL | County Number |
| 2 | FACID | NUMBER | 9 | NOT NULL | Facility ID |
| 3 | AB | CHAR | 3 | NOT NULL | Air Basin |
| 4 | DIS | CHAR | 3 | NOT NULL | District |
| 5 | DEV | NUMBER | 6 | NOT NULL | Device ID |
| 6 | PROID | NUMBER | 14 | NOT NULL | Process ID |
| 7 | POL | NUMBER | 9 | NOT NULL | SAROAD Pollutant Code |
| 8 | WARNUP | DATE | 8 | NOT NULL | Date and Time of Update Action |
| 9 | WARN_CODE | NUMBER | 3 | NULL | Warning Code |
| 10 | WARNUPID | CHAR | 8 | NULL | User Performing Update Action Domain: STAFF |
| 11 | WARN_MSG | CHAR | 80 | NULL | Message Area |